Percentage of susceptible bacteria: All specimen, 6 hospitals of Regional Health 2 : Jan - Dec 2016

Organism	TOTAL ISOLATES	BETA - LACTAMS																CARBAPENEM			POLY MYXINS	QUINOLONES					AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS						
		PENICILLIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN/SULBACTAM	PIPERACILLIN/TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE/SULBACTAM [a]	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY E-TEST	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative																																								
Acinetobacter calcoaceticus-baumannii complex	2,984	-	-	-	30.2 (1,858)	20.9 (2,513)	-	-	-	-	-	1.8 (561)	21.3 (2,934)	1.8 (719)	-	-	-	-	264 (2,190)	25.6 (2,890)	[e] -	-	20.7 (2,921)	21.1 (831)	-	-	39.6 (2,938)	31.7 (2,918)	-	[e] -	-	-	-	-	-	-	-	-	30.9 (2,129)	[c] -
Acinetobacter spp.	142	-	-	-	-	64.3 (140)	-	-	-	-	-	20.7 (121)	67.6 (139)	22.2 (117)	-	-	-	-	-	60.9 (138)	[e] -	-	71.4 (126)	-	-	-	82.1 (140)	71.4 (140)	-	[e] -	-	-	-	-	-	-	-	-	75.8 (124)	[c] -
Citrobacter freundii	63	-	6.2 (42)	-	-	73 (37)	16 (25)	[e] 33.3 (42)	-	-	-	72.2 (54)	72.3 (47)	-	-	-	-	-	-	94.1 (34)	-	[e] -	[e] 81.6 (49)	-	[e] -	-	98 (49)	88.1 (59)	-	-	-	-	-	-	-	[e] -	-	80.4 (51)	-
Enterobacter aerogenes	166		1.5 (131)	13 (46)	32.1 (84)	76 (96)	1.1 (95)	[e] 12 (117)	-	-	-	67.5 (154)	67 (112)	75 (32)	-	-	-	-	85.7 (56)	94.4 (89)	-	[e] -	[e] 79.7 (143)	-	[e] -	-	95.2 (124)	85.4 (158)	-	-	-	-	-	-	-	[e] -	-	79.5 (146)	-
Enterobacter cloacae	519	-	0.5 (442)	5.7 (229)	31.9 (185)	79.4 (281)	0.3 (308)	[e] 3.3 (364)	-	-	76.2 (252)	59.9 (401)	59.2 (355)	64.8 (142)	-	-	4.2 (98)	-	94.5 (164)	97 (298)	-	[e] -	[e] 77.7 (404)	83.3 (54)	[e] 67.1 (70)	-	96.8 (373)	79.7 (487)	-	-	-	-	-	-	-	[e] -	-	68.2 (415)	-
Enterobacter spp.	55	-	13.2 (53)	-	55.6 (45)	71.9 (32)	5.7 (35)	[e] 31.4 (51)	-	-	72.7 (33)	64.2 (53)	66 (50)	-	-	-	-	-	87.5 (32)	88.2 (34)	-	[e] -	[e] 74.1 (54)	-	[e] -	-	88 (50)	70.4 (54)	-	-	-	-	-	-	-	[e] -	-	67.3 (52)	-
Escherichia coli (all isolates)	5,611	-	12.5 (4,680)	62.2 (2,372)	68.3 (2,274)	91.8 (3,010)	19.6 (1,970)		-	-	89.5 (2,427)	59.7 (4,586)	65 (4,015)	60.5 (1,449)	-	-	90.8 (1,209)	-	96.7 (1,661)	98 (3,015)	-	-	48.6 (4,124)	51.5 (542)	-	-	98.9 (4,079)	66.7 (5,189)	-	-	-	-	-	-	-	86.5 (74)	36.8 (4,495)	-
(Urine)	3,405	-	11.8 (2,808)	63.2 (1,463)	65.4 (1,394)	90.5 (1,864)	-	[e] 56.6 (2,307)	-	-	89.2 (1,484)	57.6 (2,775)	65 (24.4)	60 (933)	-	-	89.9 (753)	-	95.9 (1,003)	97.6 (1,884)	-	[e] -	40.4 (2,338)	44.1 (333)	42.4 [e] (2,717)	43.5 (294)	98.7 (2520)	65.1 (3,162)	-	-	-	-	-	-	[e] 97.8 (633)	-	-	[e] -	-	36.2 (2,726)	-
(Urine-inpatient)	539	-	7.8 (400)	56 (336)	-	91.2 (364)	-	[e] 54.2 (72)	-	-	77.6 (58)	52 (244)	40.6 (64)	-	-	-	85.9 (170)	-	89.2 (65)	87.7 (65)	-	[e] -	35 (40)	-	[e] 44.4 (72)	-	98.5 (68)	58.2 (371)	-	-	-	-	-	-	[e] -	-	-	[e] -	-	37 (92)	-
(Urine-outpatient)	150	-	9.9 (111)	60.6 (71)	62.7 (51)	88.3 (103)	-	[e] 58.2 (51)	-	-	84.4 (32)	55.1 (98)	71.6 (67)	-	-	-	82.4 (311)	-	97 (33)	97.7 (44)	-	[e] -	41.8 (67)	-	[e] 43.8 (64)	-	94 (67)	57.9 (121)	-	-	-	-	-	-	[e] -	-	-	[e] -	-	38.8 (67)	-
Haemophilus influenzae (all isolates)	188	-	53.5 (187)	87.3 (63)	90.6 (85)	-	-	-	-	-	-	100 (152)	-	100 (31)	-	-	-	-	98.8 (84)	100 (124)	-	-	100 (102)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.3 (83)	-
(age 0-5 years old)	33	-	59.4 (32)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(age > 5 years old)	157	-	53.5 (157)	87.8 (49)	90.9 (77)	-	-	-	-	-	-	100 (125)	-	-	-	-	-	-	98.7 (76)	100 (107)	-	-	100 (80)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.8 (66)	-
(Sterile sites) [b]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(CSF)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Non-sterile sites) [c]	175	-	55.7 (174)	87.9 (56)	90 (80)	-	-	-	-	-	-	100 (142)	-	100 (29)	-	-	-	-	98.7 (79)	100 (116)	-	-	100 (94)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.8 (77)	-
Klebsiella oxytoca	40	-	2.8 (36)	-	-	-	-	[e] -	-	-	-	96.7 (30)	-	-	-	-	-	-	-	-	-	[e] -	-	-	[e] -	-	97.4 (38)	-	-	-	-	-	-	-	[e] -	-	-	-	-
Klebsiella pneumoniae (all isolates)	2,755	-	0.4 (2,283)	64.2 (1,028)	59.3 (1,252)	68.9 (1,537)	42.3 (1,536)	[e] 60.9 (1,950)	-	-	68.7 (1,272)	60.3 (2,298)	59.4 (2,013)	66.9 (641)	-	-	88 (510)	-	89 (952)	91.8 (1,534)	-	[e] -	[e] 61 (2,195)	75.4 (232)	[e] 53.5 (609)	61.9 (52)	95.3 (2,026)	76.6 (2,551)	-	-	-	-	-	-	-	[e] -	-	59.8 (2,264)	-
(ICU)	34	-	0 (34)	-	-	-	63.3 (30)	[e] 70.6 (34)	-	-	-	70.6 (34)	-	-	-	-	-	-	-	-	-	[e] -	70 (30)	-	[e] -	-	-	76.5 (34)	-	-	-	-	-	-	[e] -	-	61.8 (34)	-
(inpatient)	508	-	0.3 (365)	56.8 (273)	46.2 (39)	71.3 (310)	38.3 (81)	[e] 51.6 (95)	-	-	49.4 (77)	50.8 (244)	32.6 (92)	-	-	-	85.4 (157)	-	89.2 (85)	88 (83)	-	[e] -	48.2 (112)	-	[e] -	-	94.7 (94)	75.4 (345)	-	-	-	-	-	-	[e] -	-	57.4 (115)	-
(outpatient)	44	-	0 (31)	-	-	-	-	[e] -	-	-	-	79.3 (29)	-	-	-	-	-	-	-	-	-	[e] -	-	-	[e] -	-	73.5 (34)	-	-	-	-	-	-	-	[e] -	-	-	-	-
Morganella morganii	129	-	1.9 (106)	5.8 (52)	45.2 (42)	96.7 (60)	0 (45)	[e] 70.6 (79)	-	-	97.3 (37)	86.6 (97)	92 (75)	91.7 (36)	-	-	-	-	-	100 (52)	-	[e] -	[e] 83.5 (85)	-	[e] 79.5 (44)	-	100 (82)	87.6 (121)	-	-	-	-	-	-	-	[e] -	-	66.7 (93)	-
Proteus mirabilis	554	-	51.8 (514)	86.5 (55)	83.2 (274)	98.2 (224)	13.4 (292)	[e] 84.8 (447)	-	-	96.9 (228)	89.7 (464)	95.1 (377)	85.3 (102)	-	-	97.6 (85)	-	95 (141)	97.4 (231)	-	[e] -	[e] 76.1 (414)	74.6 (59)	[e] 70.2 (181)	-	99.7 (382)	82.1 (521)	-	-	-	-	-	-	-	[e] -	-	57.6 (462)	-
Proteus vulgaris	66	-	11.9 (59)	-	86.8 (38)	100 (30)	2.3 (43)	[e] 16.7 (54)	-	-	-	93.7 (63)	97.9 (48)	-	-	-	-	-	-	100 (30)	-	[e] -	[e] 93.8 (65)	-	[e] -	-	100 (54)	98.5 (66)	-	-	-	-	-	-	-	[e] -	-	76.9 (61)	-
Providencia rettgeri	-	-	-	-	-	-	-	[e] -	-	-	-	-	-	-	-	-	-	-	-	-	-	[e] -	-	-	[e] -	-	-	-	-	-	-	-	-	-	-	[e] -	-	-	-	-
Providencia stuartii	-	-	-	-	-	-	-	[e] -	-	-	-	-	-	-	-	-	-	-	-	-	-	[e] -	-	-	[e] -	-	-	-	-	-	-	-	-	-	-	[e] -	-	-	-	-
Providencia spp.	35	-	42.9 (35)	-	40.3 (32)	-	8.8 (34)	[e] 51.4 (35)	-	-	-	75.8 (33)	80 (35)	-	-	-	-	-	-	-	-	[e] -	[e] 77.1 (35)	-	[e] -	[e] -	100 (35)	88.6 (35)	-	-	-	-	-	-	-	[e] -	-	62.9 (35)	-
Pseudomonas aeruginosa	2,111	-	-	-	-	79.3 (1,259)	-	-	-	-	-	-	82 (1,771)		-	-	-	-	79.3 (1,321)	77.2 (1,475)	99.9 (1,267)	-	85.7 (1,706)	84.4 (372)	64.3 [e] (143)	-	89.5 (1,490)	86.4 (1,942)	-	90.5 (126)	-	-	-	-	-	[e] -	-	-	-	-
Salmonella , typhoidal	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	[e] -	-	[e] -	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonella , Non-typhoidal	172	-	54.3 (162)	-	-	-	-	-	-	-	-	-	-	90.6 (53)		-	-	-	-	-	-	-	64.4 (149)	[e] -	-	[e] -	-	-	-	-	-	-	-	-	85.1 (47)	87.7 (154)	-
Serratia marcescens	45	-	0 (31)	-	-	-	-	[e] -	-	-	-	-	-	-	-	-	-	-	-	-	-	[e] -	-	-	-	[e] -	-	97.3 (37)	-	-	-	-	-	-	[e] -	-	-	-	-
Shigella spp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[e] -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Percentage of susceptible bacteria: All specimen, 6 hospitals of Regional Health 2 : Jan - Dec 2016

	Organism	TOTAL ISOLATES	BETA - LACTAMS																CARBAPENEM			POLY MYXINS	QUINOLONES					AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS						
			PENICILLIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN/SULBACTAM	PIPERACILLIN/TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE/SULBACTAM [a]	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN	NALIDIXIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY E-TEST	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram positive	*Vibrio cholerae* (all serotypes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vibrio cholerae O1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vibrio cholerae O139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vibrio cholerae non O1, non O139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vibrio spp.	-	-	-	-	-	-	- [e]	- [e]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Enterococcus faecalis	1,157	96.3 (1,141)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8 (29) [u]	30.1 (216) [u]	10.7 (355) [u]	-	-	-	-	-	99.8 (1,145)	-	-	89 (620) [u]	-	-	- [u]	-	-	13.6 (44) [u]
	Enterococcus faecium	707	3.7 (539)	6.1 (704)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- [u]	6.2 (130) [u]	2.3 (262) [u]	-	-	-	-	-	91.6 (703)	-	-	-	-	-	- [u]	-	-	- [u]
	Enterococcus spp.	293	43.3 (277)	62.4 (274)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5 (82) [u]	21 (81) [u]	23.5 (149) [u]	-	-	-	-	-	-	-	-	-	-	-	- [u]	-	-	11.3 (106) [u]
	Staphylococcus aureus (all isolates)	1,893	0.9 (749)	-	-	-	-	-	-	-	-	-	-	-	-	-	81.6 (1,868) [f]	-	-	-	-	-	-	86 (285)	79.2 (904)	71.8 (39) [u]	-	-	85 (1,660)	-	-	-	-	-	-	78.8 (1,819)	79.4 (1,826)	- [u]	-	97.5 (1,078)	28.7 (202)
	(MRSA)	352	0 (147)	-	-	-	-	-	-	-	-	-	-	-	-	-	0 (352) [f]	-	-	-	-	-	-	9.4 (32)	14.8 9216)	- [u]	-	-	24 (317)	-	-	-	-	-	-	8.5 (331)	10.2 (333)	- [u]	-	86.7 (173)	7.1 (42)
	(MSSA)	1,540	1.2 (606)	-	-	-	-	-	-	-	-	-	-	-	-	-	99.9 (1,540) [f]	-	-	-	-	-	-	95.6 (251)	98.4 (695)	- [u]	-	-	99 (1,355)	-	-	-	-	-	-	94.1 (1,494)	94.5 (1,498)	- [u]	-	99.6 (905)	33.3 (162)
	(ICU)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- [f]	-	-	-	-	-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-	-	- [u]	-	-	-
	(inpatient)	397	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76.6 (385) [f]	-	-	-	-	-	-	-	-	- [u]	-	-	82.3 (378)	-	-	-	-	-	-	74.7 (379)	75.1 (381)	- [u]	-	96.5 (345)	-
	(outpatient)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- [f]	-	-	-	-	-	-	-	-	- [u]	-	-	-	-	-	-	-	-	-	-	-	- [u]	-	-	-
	Staphylococcus, coagulase negative	2,205	13.4 (975)	-	-	-	-	-	-	-	-	-	-	-	-	-	42.4 (2,177) [f]	-	-	-	-	-	-	60.7 (340)	63.3 (1,101)	60.9 (66) [u]	-	-	-	-	-	-	-	-	-	53 (2,078)	40.7 (2,086)	- [u]	-	65 (1,173)	34.8 (141)
	Staphylococcus, coagulase negative (blood)	1,353	12.1 (697)	-	-	-	-	-	-	-	-	-	-	-	-	-	43.5 (1,337) [f]	-	-	-	-	-	-	61.4 (202)	66.4 (705)	-	-	-	71.4 (1,120)	-	-	-	-	-	-	54 (1,342)	41.2 (1,347)	-	-	65.3 (617)	-
	Streptococcus pneumoniae (all isolates)	248	- [d]	-	- [e]	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	98.2 (227)	-	-	-	-	-	-	100 (240)	-	-	-	50.8 (183)	51.4 (185)	-	-	32.8 (177)	8 (125)
	(age 0-5 years old)	37	- [d]	-	- [e]	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	-	-	-	-	-	-	-	100 (34)	-	-	-	-	-	-	-	-	-
	(age > 5 years old)	212	- [d]	-	- [e]	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	98.1 (206)	-	-	-	-	-	-	100 (207)	-	-	-	49.7 (159)	50.9 (159)	-	-	34 (156)	7 (115)
	(Sterile sites) [b]	82	- [d]	-	- [e]	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	100 (72)	-	-	-	-	-	-	100 (76)	-	-	-	60 (50)	57.7 (52)	-	-	38.8 (49)	9.1 (33)
	(Non-sterile sites) [c]	177	- [d]	-	- [e]	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	-	-	-	- [e]	- [e]	- [e]	-	-	-	97.6 (166)	-	-	-	-	-	-	100 (175)	-	-	-	48 (140)	50 (140)	-	-	31.1 (135)	9.1 (99)
	(Meningitis: by E-test)	-	- [e]	-	-	-	-	-	-	-	-	-	- [e]	-	- [e]	- [e]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(Nonmeningitis: by E-test)	-	- [e]	-	- [e]	-	-	-	-	-	-	-	- [e]	-	- [e]	- [e]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[a] : No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in **Enterobacteriacae**

[b] : Blood, Pleural Fluid

[c] : Sputum, Ear,Sinus

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[u] : Urine, Urine Catheter, Urine Clean- Voided