Percentage of susceptible Organisms Isolated From All Specimen, 9 hospitals, Jan - Dec 2019 (RMSc4 Saraburi)

	Organism	TOTAL ISOLATES	BETA - LACTAMS																			CARBAPENEMS			POLY MYXINS	QUINOLONES			AMINOGLYCOSIDES			GLYCOPEPTIDES			MISCELLANEOUS								
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM [a]	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	NITROFURANTOIN (U)	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	5372			R	R	23.7 (801)	23.7 (4028)						5 (2244)	-	23.4 (4191)	-	5 (1944)	-	41.5 (41)			R	23.3 (3986)	22.9 (4012)	-	22.8 (4118)		19.5 (1060)	37.3 (4127)	31.1 (4112)					R						R	31.8 (3421)	- [u]
	(ICU)	1208			R	R	11.8 (136)	17 (874)						2.7 (443)	-	16.8 (916)	-	2.8 (423)	-	-			R	17 (863)	15.8 (867)	-	17.4 (889)		13 (299)	28.3 (889)	23.4 (900)					R						R	27.5 (772)	- [u]
	(inpatient)	3555			R	R	28.8 (361)	22.7 (2700)						5.1 (1321)	-	22.9 (2758)	-	5.1 (1117)	-	36.7 (30)			R	22.4 (2632)	22.2 (2636)	-	22.2 (2719)		19.9 (715)	37.7 (2727)	31.3 (2707)					R						R	31.2 (2433)	- [u]
	(outpatient)	176			R	R	48.6 (35)	53.2 (158)						19 (58)	-	48.8 (160)	-	33.3 (33)	-	-			R	55.6 (160)	55.8 (154)	-	44.2 (156)		40.5 (37)	64.9 (154)	63.4 (153)					R						R	53.2 (124)	- [u]
	Acinetobacter spp.	523					29.6 (115)	42.3 (357)						25 (216)	-	38.7 (382)	-	25 (156)	-	-				40.4 (381)	36.9 (360)	-	39.8 (379)		30.2 (202)	51.6 (382)	43.7 (371)												38.2 (262)	- [u]
	Aeromonas hydrophila	90						95.7 (47)			-			87.3 (63)	-	92.6 (68)	-	92.8 (69)	-	-		-	81.1 (37)	78.4 (37)	-			90.4 (73)		-	100 (48)	93.2 (44)									-	77.3 (75)	-
	Burkholderia cepacia complex	85			R	R	R	R						R [r]	R [r]	98.3 (60)	-	R [r]	R [r]	R			R	R [r]	96.7 (61)	R			- [e]	R [r]	R [r]	R [r]				R						- [e]	91.7 (60)	
	Burkholderia mallei	1															-							- [e]																		- [e]
	Burkholderia pseudomallei	49				- [e]											-							- [e]																	- [e]	- [e]
	Citrobacter freundii	113			R	R	R	89.9 (89)	R	R	R	R	86.7 (30)	72.1 (68)	-	80.6 (98)	-	71.4 (70)	-	-		R	95.2 (42)	94.9 (78)	95.6 (90)		57.3 (96)		-	99 (97)	79.8 (94)								-	-	63.2 (87)	-
	Enterobacter cloacae	911			R	R	R	84.6 (635)	R	R			87.6 (315)	59.8 (587)	-	67.5 (684)	-	61.4 (521)	-	-		R	90.5 (430)	89.3 (646)	92.1 (580)	- WT	63.5 (676)		75.6 (131)	95.5 (687)	78 (674)								-	-	65.2 (603)	-
	Enterobacter spp.	193			7.5 (80)	22.8 (57)	52.3 (44)	84 (144)	-	-	-	-	85.4 (96)	60.9 (110)	-	67.9 (162)	-	61 (146)	-	-		62.7 (51)	88.2 (93)	88.4 (129)	91.8 (146)		56.4 (163)		90.5 (42)	90.7 (162)	73.1 (156)								-	-	62.6 (115)	-
	Escherichia coli (all isolates)	9286			14.2 (3250)	68 (4550)	46.1 (672)	92.3 (6490)	30.4 (3631)	-	51 (2351)	-	93.2 (2895)	53.1 (5594)	-	65.7 (6724)	-	53.6 (5407)	-	80.3 (127)		87 (2290)	95.4 (4889)	96.3 (6129)	96.5 (5693)	- WT	36.6 (6564)		47.4 (1215)	98.1 (6734)	61.3 (6589)								97.1 (272)	-	43.2 (5724)	-
	(Urine-inpatient)	3748			12.7 (1100)	67.1 (1577)	57.9 (145)	89.2 (2611)		-	45.7 (1085)	-	91.1 (1112)	48.1 (2085)	-	62.3 (2677)	-	49.5 (2218)	-	75.4 (61)		84.9 (833)	93 (1834)	94.7 (2384)	94.7 (2242)	- WT [l]	32.9 (2601)		41.8 (574)	97.8 (2682)	58.7 (2624)				99 (477)				96.3 (187)	-	40.3 (2356)	-
	(Urine-outpatient)	1521			13.3 (481)	67.2 (548)	41.7 (72)	94.8 (1049)		-	56.7 (545)	-	93.1 (290)	57.7 (990)	-	68.2 (1071)	-	57.4 (782)	-	-		88.4 (415)	97.6 (887)	98.5 (1049)	98.9 (969)	- WT [l]	29.6 (1042)		38.1 (139)	98.8 (1072)	61.6 (1062)				99.3 (141)				98 (50)	-	41.5 (958)	-
	Haemophilus influenzae (all isolates)	240			59.7 (221)	93.7 (221)	-	-			94.6 (129)			98.3 (120)	-	100 (33)	-	98.6 (144)						-	98.9 (94)		98.3 (176)		100 (81)											90 (60)	52.3 (149)	75 (120)
	(age 0-5 years old)	38			55.9 (34)	82.9 (35)	-	-			-			-	-	-	-	-						-	-		100 (32)		-										-	-	-
	(age > 5 years old)	155			60 (140)	94.4 (142)	-	-			93.2 (88)			100 (62)	-	-	-	99.1 (116)						-	97 (33)		97.9 (143)		-										90.7 (54)	54.3 (127)	73.5 (102)
	(CSF)	1			-	-	-	-			-			-	-	-	-	-						-	-		-		-										-	-	-
	(Sterile sites) b	16			-	-	-	-			-			-	-	-	-	-						-	-		-		-										-	-	-
	(Non-sterile sites) c	228			60 (210)	93.8 (211)	-	-			94.4 (125)			98.2 (113)	-	-	-	98.5 (134)						-	98.9 (92)		98.2 (165)		100 (80)											89.7 (58)	51.8 (139)	75.2 (113)
	Klebsiella aerogenes	333			R	R	R	77.9 (253)	R	R			72 (75)	54.5 (257)	-	63.8 (271)	-	51.5 (200)	-	-		R	83.2 (173)	80.6 (268)	84.7 (242)	- WT	56 (268)		69 (42)	92.3 (271)	75 (268)								-	-	67.1 (255)	-
	Klebsiella oxytoca	90			0 (37)	81.1 (37)	-	82.4 (74)	25.5 (51)	-	71 (31)	-	-	59.7 (67)	-	64.5 (76)	-	55.4 (65)	-	-		75.7 (37)	86 (57)	85.3 (68)	88.2 (68)	[l]	47.9 (73)		-	88.2 (76)	67.1 (76)								-	-	54.3 (70)	-
	Klebsiella pneumoniae (all isolates)	6398			R	62.5 (3622)	41.9 (735)	74.2 (4630)	42.1 (2898)	-	54.9 (1773)	-	75.3 (2060)	53.5 (4173)	-	59.5 (4898)	-	53.2 (4019)	-	83.5 (121)		69.8 (1837)	80.3 (3591)	81.9 (4521)	81.4 (4191)	- WT	49.1 (4781)		60.9 (956)	90.2 (4889)	76.5 (4796)								66.1 (115)	-	56.5 (4233)	-
	(ICU)	805			R	52 (481)	40 (75)	65.4 (587)	31.7 (388)	-	42.8 (229)	-	64.6 (277)	41.3 (496)	-	49.8 (621)	-	44.3 (537)	-	-		65.1 (238)	74.8 (489)	76.1 (578)	77 (556)	- WT	45.9 (603)		55.4 (148)	87.2 (616)	69.3 (602)								-	-	48.9 (542)	-
	(inpatient)	4075			R	60.3 (2490)	47.5 (278)	73.7 (3011)	-	-	51.7 (1289)	-	78.2 (1284)	52.1 (2557)	-	57.9 (3117)	-	51.6 (2604)	-	76.3 (97)		69.1 (1085)	78.6 (2250)	81.2 (2837)	80.7 (2595)	- WT	47.7 (3048)		59.3 (702)	90.8 (3113)	77.5 (3055)								63.9 (83)	-	54.9 (2730)	-
	(outpatient)	619			R	75.3 (384)	-	84.7 (491)	51.8 (357)	-	68.5 (273)	-	83 (135)	68.4 (446)	-	74.2 (507)	-	69.1 (376)	-	-		79.7 (222)	89.1 (450)	90 (491)	89.7 (468)	- WT	56.3 (485)		67.5 (83)	95.5 (507)	84.4 (493)								-	-	68.1 (452)	-
	Morganella morganii	235			R	R	-	96.4 (192)	R	R	R	R	94.8 (58)	82.9 (170)	-	87.7 (195)	-	86.4 (118)	-	-		71.1 (38)	98.3 (119)	62.2 (180)	98.3 (175)	R	59.1 (193)		-	99.5 (198)	76.8 (198)								R	-	63.6 (176)	-
	Neiseria meningitidis			-	- [e]									-	-			-	-						-		-		- [e]										-	-	
	Proteus mirabilis	1427			44.7 (588)	84.3 (808)	76.5 (81)	98.6 (1154)	28.8 (657)	-	76.2 (551)	-	98.6 (428)	78.7 (994)	-	90.9 (1195)	-	78.6 (903)	-	-		94.5 (343)	98.6 (761)	93.7 (1075)	99 (1064)	R	60.3 (1160)		62.6 (227)	99.1 (1197)	79.7 (1176)								R	-	50.8 (1065)	R
	Proteus vulgaris	198			R	69.7 (122)	-	96.5 (173)	R	R	R	R	96.6 (87)	73 (159)	-	84.5 (181)	-	77.5 (160)	-	-		93.9 (49)	97.7 (130)	91 (166)	98 (149)	R	61.1 (180)		71.4 (42)	98.9 (182)	78.3 (180)								R	-	53.1 (160)	R
	Providencia rettgeri	107			R	R	-	92.4 (92)	R	R	48.9 (47)	-	94.6 (37)	73.2 (82)	-	75 (96)	-	74.1 (81)	-	-		73.3 (30)	97.4 (77)	90.9 (88)	96.2 (78)	R	54.3 (94)		-	97.9 (94)	85.1 (94)								R	-	67.4 (86)	R
	Providencia stuartii	77			R	R	-	96.9 (64)	R	R	-	-	-	78.3 (46)	-	73.8 (65)	-	62.2 (37)	-	-		-	100 (35)	89.3 (56)	100 (59)	R	49.2 (65)		-	100 (54)	75 (52)								R	-	68.8 (64)	R

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