



Percentage of susceptible bacteria
Department of Microbiology
Faculty of Medicine
Chulalongkorn University
January - June 2020

	Ampicillin	Amoxicillin/clavulanic acid	Piperacillin/tazobactam	Ceftolozane/tazobactam	Cefazolin	Cefoxitin	Cefturoxime	Cefotaxime	Ceftriaxone	Ceftazidime	Cefepime	Ertapenem	Imipenem	Meropenem	Doripenem	Clarithromycin	Azithromycin	Gentamicin	Amikacin	Ciprofloxacin	Levofloxacin	Tetracycline	Trimethoprim/sulfamethoxazole	
<i>Acinetobacter baumannii</i>	% Susceptible		10.22%						1.82%	10.94%			10.81%	10.97%	10.89%			14.94%	15.93%	10.89%	10.82%		33.10%	
	No.of isolates		1,262						1,264	1,262			1,267	1,267	1,267			1,265	1,262	1,267	1,257		1,266	
<i>Aeromonas</i> spp.	% Susceptible		87.50%		80.00%		80.00%	82.14%	81.82%	92.86%	58.93%	60.00%	89.09%	80.95%				89.29%	98.21%	92.86%	96.36%	35.71%	66.07%	
	No.of isolates		56			55	55	56	55	56	56	55	55	42				56	56	56	55	56	56	
<i>Burkholderia cepacia</i> complex	% Susceptible									97.67%				64.44%									100.00%	
	No.of isolates									43				45									46	
<i>Citrobacter koseri</i>	% Susceptible	91.55%	90.00%				58.57%	90.14%		94.37%	100.00%	100.00%	98.59%	100.00%				92.96%	100.00%	95.77%		95.77%	98.59%	
	No.of isolates	71	70				70	71		71	71	71	71	71				71	71	71		71	71	
<i>Enterobacter cloacae</i> complex	% Susceptible		72.73%					56.28%		81.31%	85.43%	84.92%	95.48%	94.47%				80.40%	97.49%	62.31%		70.20%	75.50%	
	No.of isolates		198					199		198	199	199	199	199				199	199	199		198	200	
<i>Escherichia coli</i>	% Susceptible	13.09%	64.73%	88.01%		43.93%		41.47%	48.88%	73.22%	98.12%	98.60%	98.69%	98.56%				59.91%	98.25%	25.38%		31.07%	44.46%	
	No.of isolates	2,285	2,285	2,277		346		2,269	2,285	2,285	2,285	2,285	2,285	2,285				2,285	2,285	2,285		2,285	2,285	
<i>Haemophilus influenzae</i>	% Susceptible	63.41%	79.49%					100.00%		100.00%		100.00%		100.00%		92.50%	100.00%			100.00%			45.00%	
	No.of isolates	41	39					38		40		38		38		40	39			39			40	
<i>Klebsiella pneumoniae</i>	% Susceptible	59.41%	64.81%		59.92%		50.59%	58.14%		71.88%	83.89%	85.75%	85.75%	85.35%				82.42%	95.12%	45.70%		53.06%	58.84%	
	No.of isolates	1,291	1,290		240		1,277	1,290		1,291	1,291	1,291	1,291	1,290				1,291	1,291	1,291		1,291	1,290	
<i>Klebsiella(Enterobacter) aerogenes</i>	% Susceptible		67.21%					57.38%		83.61%	100.00%	60.66%	100.00%	96.72%				93.44%	100.00%	78.69%		75.41%	80.33%	
	No.of isolates		61					61		61	61	61	61	61				61	61	61		61	61	
<i>Morganella morganii</i>	% Susceptible		96.84%					88.42%		92.63%	100.00%	37.89%	96.84%					86.32%	96.84%	57.89%		16.84%	71.58%	
	No.of isolates		95					95		95	93	95	95					95	95	95		95	95	
<i>Proteus mirabilis</i>	% Susceptible	49.29%	76.67%	95.71%			77.73%		81.99%		84.83%	88.63%	4.27%	98.58%				70.62%	100.00%	58.77%			52.61%	
	No.of isolates	211	210	210			211		211		211	211	211	211				211	211	211			211	
<i>Pseudomonas aeruginosa</i>	% Susceptible		77.36%	87.93%						80.26%			68.56%	70.12%	75.05%			87.29%	95.24%	77.57%	65.96%			
	No.of isolates		1,409	1,367						1,408			1,409	1,409	1,407			1,408	1,407	1,409	1,407			
Salmonella group B	% Susceptible	26.97%						75.28%	75.28%	82.02%													66.29%	80.90%
	No.of isolates	89						89	89	89													89	89
Salmonella group C	% Susceptible	56.00%						92.00%	92.00%	93.33%													54.67%	77.33%
	No.of isolates	75						75	75	75													75	75
Salmonella group E	% Susceptible	41.30%						54.35%	54.35%	54.35%													82.61%	89.13%
	No.of isolates	46						46	46	46													46	46
<i>Serratia marcescens</i>	% Susceptible							78.13%		95.24%	100.00%		100.00%	100.00%				98.44%	98.44%	96.88%			31.75%	100.00%
	No.of isolates							64		63	59		64	64				64	64	64			63	64
<i>Stenotrophomonas maltophilia</i>	% Susceptible																						88.38%	93.98%
	No.of isolates																						482	482



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		Penicillin	Ampicillin	Oxacillin	Cefotaxime	Cefepime	Erythromycin	Clindamycin	Gentamicin	Rifampicin	Ciprofloxacin	Levofloxacin	Moxifloxacin	Ofloxacin	Vancomycin	Teicoplanin	Linezolid	Tetracycline	Trimethoprim/sulfamethoxazole
<i>Enterococcus</i> spp.	% Susceptible	59.72%	64.58%								50.69%	81.94%			98.61%	99.31%		38.89%	
	No.of isolates	144	144								144	144			144	144		144	
<i>Enterococcus faecalis</i>	% Susceptible	80.31%	98.68%								27.25%	66.59%			100.00%	99.78%		20.48%	
	No.of isolates	447	453								455	452			454	453		454	
<i>Enterococcus faecium</i>	% Susceptible	5.83%	11.52%								8.64%	11.57%			97.94%	97.94%		23.05%	
	No.of isolates	240	243								243	242			243	243		243	
<i>Staphylococcus coagulase negative</i>	% Susceptible	33.33%		48.48%			35.29%	48.48%	91.18%	92.59%	82.35%		79.41%	100.00%	100.00%	100.00%	100.00%	85.71%	91.18%
	No.of isolates	27		33			34	33	34	27	34		34	27	27	27	28	28	34
<i>Staphylococcus aureus</i>	% Susceptible	12.77%		80.91%			73.67%	73.18%	94.04%	99.34%	81.16%		82.07%	100.00%	100.00%	100.00%	100.00%	67.88%	95.32%
	No.of isolates	603		618			619	619	621	603	621		619	603	603	603	603	604	620
<i>Staphylococcus capitis</i>	% Susceptible	3.48%		16.81%			22.69%	21.85%	50.42%	86.21%	27.73%		31.67%	100.00%	92.24%	100.00%	100.00%	61.74%	97.48%
	No.of isolates	115		119			119	119	119	116	119		120	116	116	116	116	115	119
<i>Staphylococcus epidermidis</i>	% Susceptible	5.05%		27.03%			37.22%	39.01%	71.30%	94.95%	62.33%		62.78%	100.00%	81.65%	100.00%	100.00%	55.96%	67.26%
	No.of isolates	218		222			223	223	223	218	223		223	218	218	218	218	218	223
<i>Staphylococcus haemolyticus</i>	% Susceptible	5.69%		11.28%			15.15%	29.01%	39.85%	68.29%	18.05%		21.97%	100.00%	100.00%	100.00%	100.00%	57.26%	54.14%
	No.of isolates	123		133			132	131	133	123	133		132	122	123	118	124	133	
<i>Staphylococcus hominis</i>	% Susceptible	16.90%		43.01%			40.23%	47.13%	97.70%	94.52%	58.62%		59.09%	100.00%	95.89%	100.00%	100.00%	68.06%	74.71%
	No.of isolates	71		93			87	87	87	73	87		88	73	73	73	72	87	
<i>Streptococcus agalactiae</i>	% Susceptible	100.00%			100.00%	100.00%	78.22%	76.74%				96.83%		96.83%	100.00%				
	No.of isolates	135			134	125	101	129				126		126	128				
<i>Streptococcus anginosus</i>	% Susceptible	95.35%			100.00%	100.00%	79.41%	85.37%				92.68%		92.68%	100.00%				
	No.of isolates	43			42	41	34	41				41		41	41				