

**Report on National Laboratory Based Surveillance on Antibiotic Resistance  
(NLBSA) of Sri Lanka College of Microbiologists –Data of urine culture  
isolates- 2015**

List of hospitals and consultants who sent the data of urine culture of 2015:

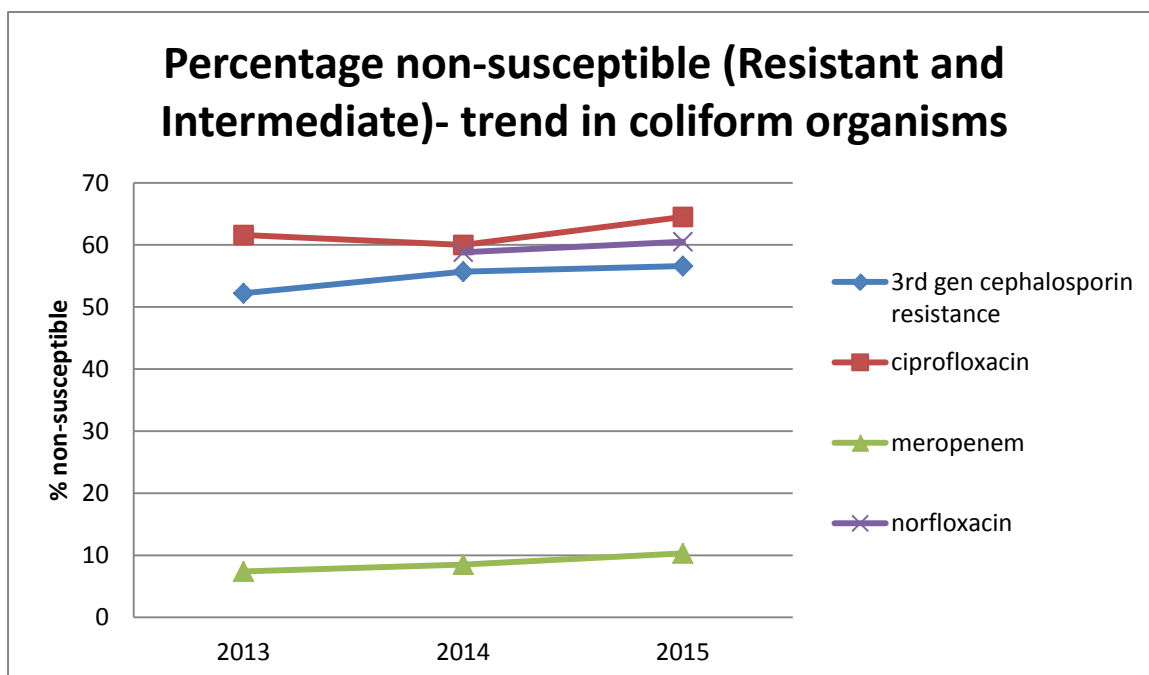
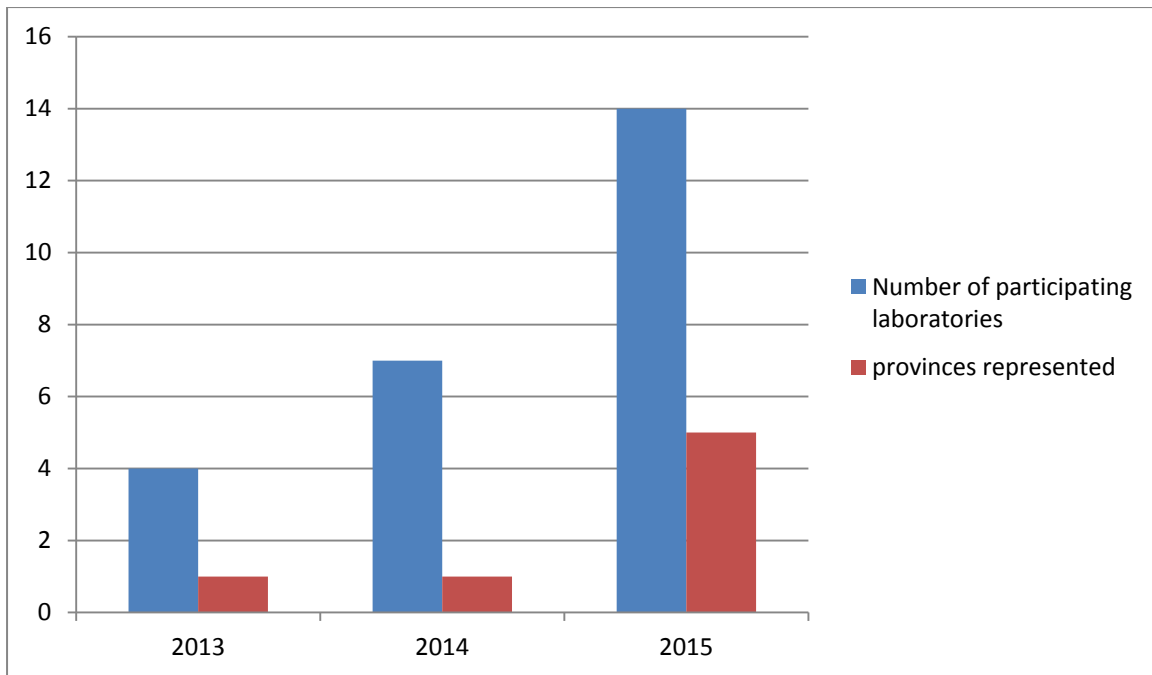
Serial number	Hospital	Consultant/s	Number of isolates
1	Sri Jayewardenapura General Hospital	Dr Kushlani Jayatilleke*	1828
2	NHSL	Dr Geethika Patabendige	2960
3	CNTH, Ragama	Dr Malka Dassanayake	1439
4	LRH	Dr Kumudu Karunaratne	1267
5	GH Matara	Dr Aravinda Jayasundara and Dr Thushara Senanayake	1252
6	NIHS	Dr Roshan Jayasuriya	1064

7	GH Hambanthota	Dr Nilanthi Pitigalage and Dr Dhananja Namalie	728
8	TH Anuradhapura	Dr Pavithri Bandara	637
9	DGH Chilaw	Dr Surani Ududgama	607
10	Neville Fernando TH	Prof Nelun de Silva	216
11	GH Kegalle	Dr Dhananja Namalie	173
12	Faculty of medicine, Colombo	Prof Jennifer Perera and Dr Enoka Corea	71
13	Faculty of medicine Jayawardanapura	Dr Janani Kottahachchi and Dr Thushari Dissanayake	15
14	FM Karapitiya	Dr Gaya Wijeratne	8
<b>Total</b>			<b>12,265</b>

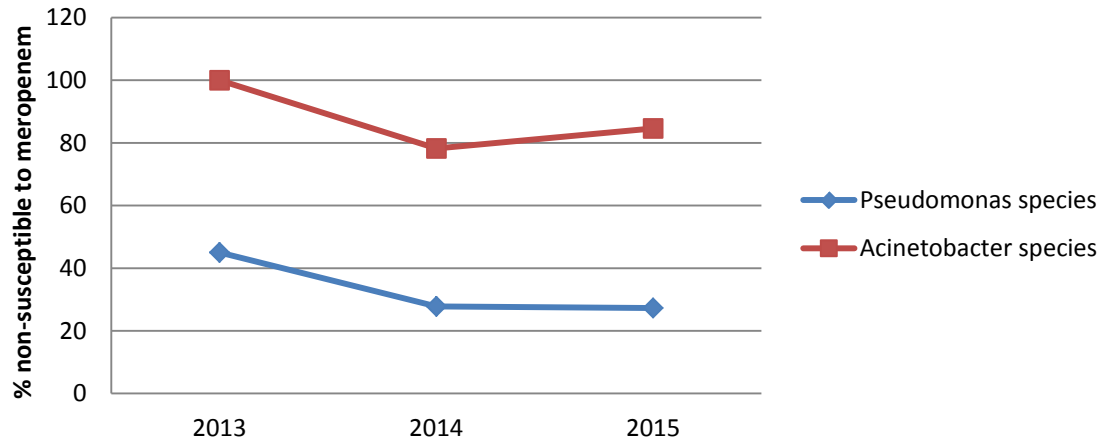
\*Data analysis and report preparation done

**Analysis:**

<b>Organism</b>	<b>Antibiotic</b>	<b>Number tested</b>	<b>Number sensitive</b>	<b>%S</b>	<b>%R</b>
Enterobactereaceae	cefotaxime	7610	3306	43.44	56.56
	ciprofloxacin	6000	2129	35.48	64.52
	norfloxacin	8401	3318	39.5	60.50
	meropenem	4886	4382	89.68	10.31
	imipenem	2777	2381	85.74	14.26
	gentamicin	9427	6452	68.44	31.56
Pseudomonas species	ciprofloxacin	436	270	61.93	38.07
	norfloxacin	384	206	53.65	46.35
	meropenem	355	258	72.67	27.32
	imipenem	241	147	60.99	39.00
	gentamicin	498	328	65.86	34.14
	ceftazidime	389	242	62.21	37.79
Acinetobacter species	meropenem	65	10	15.38	84.62
	imipenem	26	2	7.69	92.31
	ciprofloxacin	68	12	17.65	82.35
Enterococcus species	ampicillin	414	270	65.22	34.78
<i>Escherichia coli</i>	cefotaxime	926	414	44.71	55.29
	norfloxacin	998	490	49.1	50.90
	meropenem	413	388	93.95	6.05
	gentamicin	1004	780	77.69	22.31
<i>Klebsiella</i> species	cefotaxime	43	13	30.23	69.77
	norfloxacin	63	30	47.62	52.38
	meropenem	29	20	68.97	31.03
	gentamicin	64	40	62.5	37.5



### Percentage non-susceptible (Resistant and Intermediate) to meropenem- trend in *Pseudomonas* and *Acinetobacter* species



Meropenem resistance in *Pseudomonas* and *Acinetobacter* species was higher in 2013 probably because only few major centres participated in 2013 and the number of isolates was less. ( only 21 isolates of *Acinetobacter* species and 38 isolates of *Pseudomonas* species)