

NATIONAL INSTITUTE OF EPIDEMIOLOGY, CHENNAI-77
DHR/ICMR Virus Research and Diagnostic Laboratory Network (VRDLN)

August 2016 - Report

Number of VRDLs functional	35
Suspected outbreaks diagnosed during July 2016 (table 1)	9
Medical College Hospital Routine Diagnostics & Suspected Outbreaks	
Total no. of patients investigated by VRDLs	5917
Total no. of samples tested	6488
Total no. of tests run	12735
Total cases positives (%)	1761 (30%)

Suspected outbreaks (9)
n=655

- 111 (17%) positives
- 820 samples
- 1036 tests run

Medical college hospital-routine diagnostics
n=5262

- 1650 (31%) positives
- 5668 samples
- 11699 tests run

Table 1: Suspected outbreaks diagnosed by VRDLs August 2016 (n=9)

Sl	State	Geographical area		VRDLN		Disease/syndrome (provisional/confirmed)	Total cases tested	Type of sample	Test conducted	Positive cases	Etiological agent
		Village	District	Institution	PI						
1	Chattisgarh	Pottacabin	Sukma	GMC, Jagdalpur	Dr Devajyothi Majumdar	Dengue	60	Serum	IgM	13	Dengue virus
2	Chattisgarh	Kalampalli, Potakabin ; Dornapal, Balak Ashram, Kanya Ashram	Sukma	GMC, Jagdalpur	Dr Devajyothi Majumdar	Dengue	441	Serum	IgM	61	Dengue virus
3	Andhra Pradesh	Makavarapalem	Visakhapatnam	AMC, Vishakhapatnam	Dr B M Krishna	Dengue	6	Serum	IgM	4	Dengue virus
4	Andhra Pradesh	Cjina Gandyada	Visakhapatnam	AMC, Vishakhapatnam	Dr B M Krishna	Dengue	13	Serum	IgM	10	Dengue virus
5	Gujarat	Sikka	Jamnagar	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
6	Assam	Biswanath Chariali	Sonitpur	Guwahati Medical college, Guwahati	Dr Naba Kumar	Measles	5	Serum	IgM	5	Measles virus
7	Assam	Pasighat	East Siang	Guwahati Medical	Dr Naba Kumar	Measles/Rubella	5	Serum	IgM	3	Measles virus

				college, Guwahati								
8	Assam	Thadlaskein	Jaintia Hills	Guwahati Medical college, Guwahati	Dr Naba Kumar	Measles	5	Serum	IgM	5	Measles virus	
9	Manipur	B Kaljang, Tualnuam	Churachand pur	JNIMS, Imphal	Dr Lokhendro Huidrom	JE	115	Serum	IgM	5	JE virus	
Total							655			111		

JE – Japanese Encephalitis

Table 2: Routine virus tested at various VRDLs in August 2016 (n=12735)

Virus	Total test run	Positive %
Dengue	4720	15
Influenza B	832	15
Influenza A H1N1	827	3
Japanese Encephalitis	731	7
Influenza A H3N2	645	11
Hepatitis C virus	565	22
Herpes simplex virus	491	6
Hepatitis A virus	470	13
Hepatitis B virus	460	25
Hepatitis E virus	445	28
Chikungunya	313	8
Influenza A	298	8
Enterovirus	256	8
Varicella Zoaster Virus	217	5
Respiratory Syncytial Virus	205	46
Cytomegalovirus	168	19
Adeno Virus	124	3
Epstein-Barr-Virus	113	10
Rubella Virus	104	8
Measles	103	34
Parvovirus	31	23
Rota Virus	8	38

609 test were run for other viruses not mentioned in table