

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

November 2016 - Report

Number of VRDLs functional	36
Suspected outbreaks diagnosed during July 2016 (table 1)	07
Medical College Hospital Routine Diagnostics & Suspected Outbreaks	
Total no. of patients investigated by VRDLs	8950
Total no. of samples tested	9213
Total no. of tests run	13932
Total cases positives (%)	2368 (26)

Suspected outbreaks (07)
n=117

- 43 (37%) positives
- 140 samples
- 182 tests run

Medical college hospital-routine diagnostics
n=8833

- 2325 (26%) positives
- 9073 samples
- 13750 tests run

Table 1: Suspected outbreaks diagnosed by VRDLs November 2016 (n=07)

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	Jammu	Sarore, Bari Brahmna, Gangyal	Jammu	GMC, Jammu	Dr Shashi Sharma	Dengue	58	Serum	IgM	6	Dengue virus
2	Jammu	Kharota, Kaliwari, Govindsar	Kathua	GMC, Jammu	Dr Shashi Sharma	Dengue	32	Serum	IgM	12	Dengue virus
3	Gujarat	Vadivistar Jajunjwada	Devbhumi Dwarka	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
4	Gujarat	Nani Jagdhar	Bhavnagar	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
5	Gujarat	Amreli	Amreli	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
6	Assam	Kalaktang	West Kameng	Guwahati Medical college, Guwahati	Dr Naba Kumar	Rubella	5	Serum	IgM	5	Rubella virus
7	Kerala	Ulloor	Thiruvananthapuram	GMC, Thiruvananthapuram	Dr Rema Devi	Dengue	7	Serum	IgM/A D	5	Dengue virus
Total							117			43	

Table 2: Routine virus tested at various VRDLs in November 2016 (n=13932)

Virus	Test done	Positive %
Dengue	6494	18.16
Chikungunya	2115	34.52
Hepatitis C virus (HCV)	640	9.22
Japanese Encephalitis (JE)	506	4.15
Hepatitis B virus (HBV)	446	15.25
Hepatitis A virus (HAV)	427	9.60
Hepatitis E virus (HEV)	406	13.30
Influenza B	369	10.84
Influenza A H1N1	347	0.86
Influenza A H3N2	292	0.34
Herpes Simplex Virus (HSV)	270	2.22
Enterovirus	255	12.16
Varicella Zoaster Virus (VZV)	217	5.07
Cytomegalovirus (CMV)	126	3.97
Herpes Simplex Virus (HSV-2)	105	3.81
Measles	103	32.04
Rubella Virus	100	8.00
Influenza A	93	2.15
Adeno Virus	87	9.20
Respiratory Syncytial Virus (RSV)	85	14.12
Parvovirus	79	27.85
Epstein-Barr-Virus (EBV)	40	10.00
Norovirus	18	0.00
Rota Virus	6	0.00
West Nile	3	0.00

303 test were run for other viruses not mentioned in table