

**NATIONAL INSTITUTE OF EPIDEMIOLOGY, CHENNAI-77**  
**DHR/ICMR Virus Research and Diagnostic Laboratory Network (VRDLN)**  
 April 2016 - Report

Number of VRDLs functional	<b>34</b>
Suspected outbreaks diagnosed during April 2016 (table 1)	<b>35</b>
<b>Medical College Hospital Routine Diagnostics &amp; Suspected Outbreaks</b>	
Total no. of patients investigated by VRDLs	<b>3648</b>
Total no. of samples tested	<b>3753</b>
Total no. of tests run	<b>7328</b>
Total cases positives (%)	<b>774(21)</b>

<b>Suspected outbreaks (35)</b> <b>n=364</b>	<ul style="list-style-type: none"> <li>•196 (54%) positives</li> <li>•364 samples</li> <li>•569 tests run</li> </ul>
<b>Medical college hospital-routine diagnostics</b> <b>n=3284</b>	<ul style="list-style-type: none"> <li>•578 (18%) positives</li> <li>•3389 samples</li> <li>•6759 tests run</li> </ul>

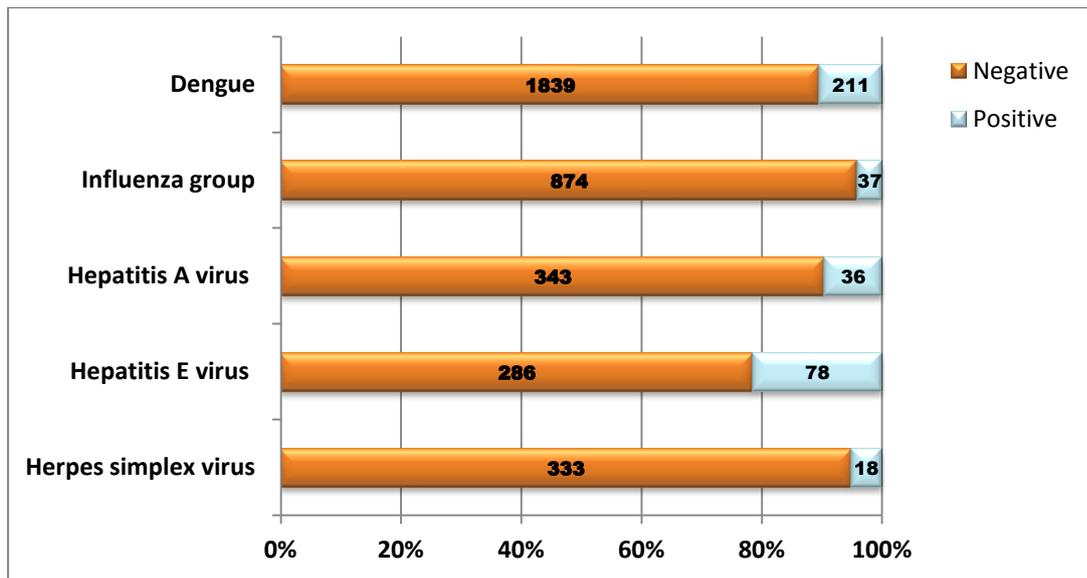
**Table 1: Suspected outbreaks diagnosed by VRDLs April 2016 (n=35)**

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	Karnataka	Harekoppa	Shimoga	KMC, Manipal	Dr G Arun Kumar	Influenza infection	6	Throat swab	PCR	6	Influenza A H3N2
2	Karnataka	Shivapeth	Belgaum	KMC, Manipal	Dr G Arun Kumar	Mumps	6	Serum	IgM	6	Mumps
3	Odisha	Fabsi	Subarnapur	RMRC, Bhubaneswar	Dr B Dwibedi	Hepatitis	7	Serum	IgM	4	Hepatitis A virus
4	Chattisgarh	Rawabhata	Raipur	Late Sri B K Memorial GMC, Jagadapur	Dr Devajyothi Mujumdar	Varicella infection	10	Serum	IgM	3	Varicella Zoster virus
5	Chattisgarh	Katekalyan	Dantewada	Late Sri B K Memorial GMC, Jagadapur	Dr Devajyothi Mujumdar	Dengue	64	Serum	IgM	14	Dengue virus
6	Chattisgarh	Bheja	Bastar	Late Sri B K Memorial GMC, Jagadapur	Dr Devajyothi Mujumdar	Dengue	6	Serum	IgM	1	Dengue virus
7	Chattisgarh	Khambhargoon	Bastar	Late Sri B K Memorial GMC, Jagadapur	Dr Devajyothi Mujumdar	Dengue	53	Serum	IgM	9	Dengue virus
8	Jharkhand	Appo	East Singhbhum	RIMS, Ranchi	Dr A K Agrawal	Varicella infection	9	Serum	IgM	4	Varicella Zoster virus
9	Bihar	Ghana Tola	Patna	GMC, Patna	Dr Shankar Prakash	Varicella infection	11	Serum	IgM	5	Varicella Zoster virus

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10	Bihar	Piprolia	Madhubani	GMC, Patna	Dr Shankar Prakash	Varicella infection	5	Serum	IgM	5	Varicella Zoster virus
11	Bihar	Shapur Dahiwat	Madhubani	GMC, Patna	Dr Shankar Prakash	Varicella infection	6	Serum	IgM	4	Varicella Zoster virus
12	Bihar	Sumerpur	Gopalganj	GMC, Patna	Dr Shankar Prakash	Varicella infection	7	Serum	IgM/IgG	5	Varicella Zoster virus
13	Assam	Khawzawl	Champhai	Guwahati Medical college, Guwahati	Dr Naba Kumar	Measles	10	Serum	IgM	9	Measles virus
14	Assam	Silchar	Karimganj	Guwahati Medical college, Guwahati	Dr Naba Kumar	Measles	5	Serum	IgM	5	Measles virus
15	Assam	Resubelpara	East Garo Hills	Guwahati Medical college, Guwahati	Dr Naba Kumar	Measles	6	Serum	IgM	6	Measles virus
16	Assam	Mawryngkneng	East Kashi Hills	Guwahati Medical college, Guwahati	Dr Naba Kumar	Measles	5	Serum	IgM	5	Measles virus
17	Gujarat	Palanpore	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	3	Measles virus
18	Gujarat	Bhestan	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	4	Measles virus
19	Gujarat	Solvan	Junagadh	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
20	Gujarat	Varachha	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	3	Measles virus
21	Gujarat	Saiyadpura	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
22	Gujarat	Adajan	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
23	Gujarat	Danilimda	Ahmedabad	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	2	Measles virus
24	Gujarat	Sikka	Jamnagar	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	11	Serum	IgM	6	Measles virus
25	Gujarat	Kosad	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	4	Measles virus
26	Gujarat	Varvala	Jamnagar	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
27	Gujarat	Babriya Colony-2	Rajkot	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	4	Measles virus
28	Gujarat	Sheriyaj Bara	Junagadh	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	4	Measles virus
29	Gujarat	Vanki Bordi	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	3	Measles virus
30	Gujarat	Pandesra	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
31	Gujarat	Amreli	Amreli	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
32	Gujarat	New Dindoli	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	3	Measles virus

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33	Gujarat	Rander	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	2	Measles virus
34	Gujarat	Sumra Vandh	Kutch	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus
35	Gujarat	Kanalva	Chhotude pur	B J Medical College, Ahmadabad	Dr M M Vegad	Measles	5	Serum	IgM	5	Measles virus

Figure 1: Most commonly tested viruses at medical college/referral hospitals April 2016 (n=3,284)



Note: Only top five virus investigated are reported; Influenza group – A (H1N1, H3N2) & B