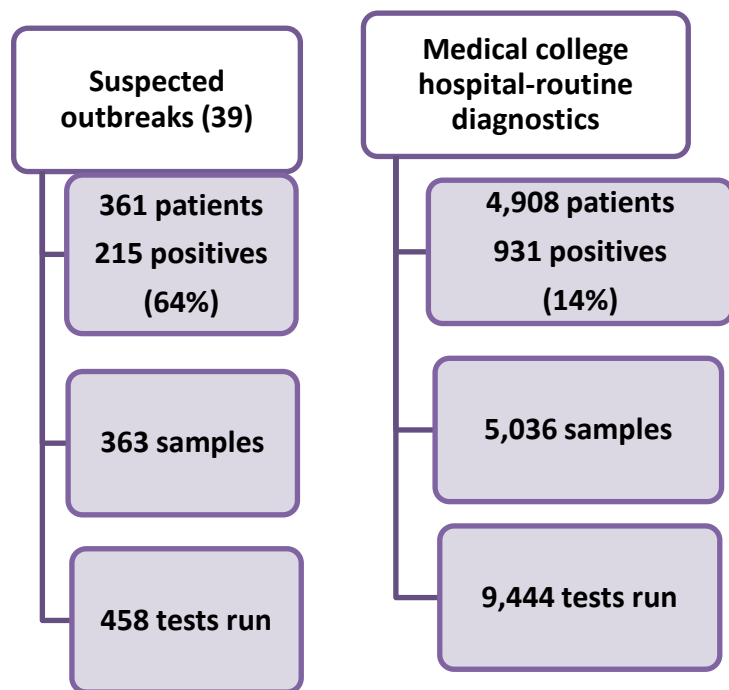


**NATIONAL INSTITUTE OF EPIDEMIOLOGY, CHENNAI-77**  
**DHR/ICMR Virus Research and Diagnostic Laboratory Network (VRDLN)**



<b>Number of VRDLs functional</b>	<b>34</b>
<b>Suspected outbreaks diagnosed during March 2016 (table 1)</b>	<b>39</b>
<b>Medical College Hospital Routine Diagnostics &amp; Suspected Outbreaks</b>	
<b>Total no. of patients investigated by VRDLs</b>	<b>5,269</b>
<b>Total no. of samples tested</b>	<b>5,399</b>
<b>Total no. of tests run</b>	<b>9,902</b>
<b>Total cases positives</b>	<b>1,146</b>



**Table 1: Suspected outbreaks diagnosed by VRDLs March 2016 (n=39)**

Sl	State	Outbreak		Geographical area		VRDLN		Disease/syndrome (provisional/confirmed)	Total cases tested	Type of sample	Test conducted	Positive cases	Etiological agent
		Total	No.	Village	District	Institution	PI						
1	Jharkhand	4	3	Khairbani	East Singhbhum	Rajendra Institute of Medical Sciences, Ranchi	Dr N P Sahu	Fever and rash Chickenpox	5	Serum	IgM	5	Varicella Zoster virus
	Jharkhand		4	Joram	East Singhbhum	Rajendra Institute of Medical Sciences, Ranchi	Dr N P Sahu	Fever and rash Chickenpox	6	Serum	IgM	3	Varicella Zoster virus
	Jharkhand		5	Chakulia	East Singhbhum	Rajendra Institute of Medical Sciences, Ranchi	Dr N P Sahu	Fever and rash Chickenpox	7	Serum	IgM	4	Varicella Zoster virus

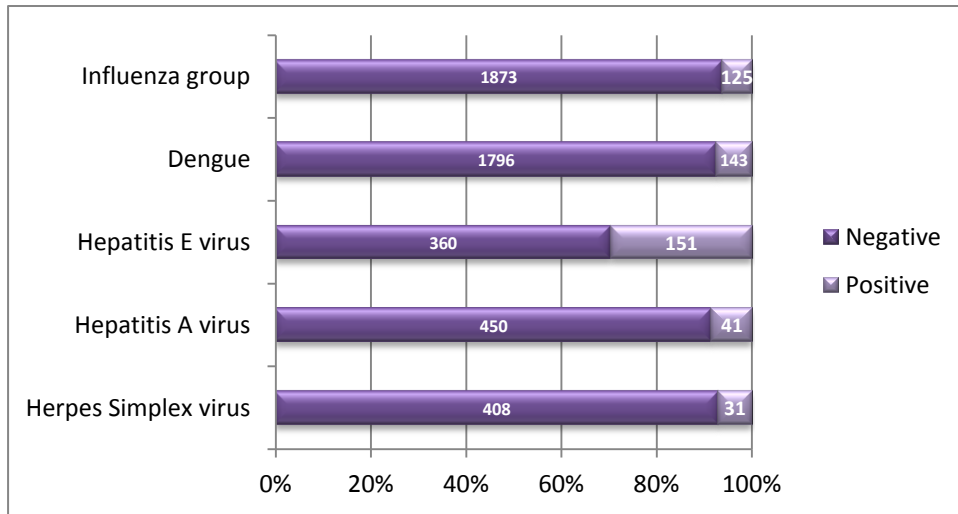
Sl	State	Outbreak		Geographical area		VRDLN		Disease/syndrome (provisional/confirmed)	Total cases tested	Type of sample	Test conducted	Positive cases	Etiological agent
		Total	No.	Village	District	Institution	PI						
	Jharkhand		6	Sonagara	East Singhbhum	Rajendra Institute of Medical Sciences, Ranchi	Dr N P Sahu	Fever and rash Chickenpox	5	Serum	IgM	1	Varicella Zoster virus
2	Odisha	1	6	Bhawanipatana	Kalahandi	RMRC, Bhubaneswar	Dr B Dwibedi	Fever and rash	5	Serum Vesicle	PCR IgM	1	Herpes Simplex virus
3	Chattisgarh	1	7	Ujiyarpur	Mungeli	Late Sri Baliram Kashayap Memorial GMC, Jagadapur	Dr Devajyothi Mujumdar	Fever and rash Chickenpox	49	Serum	Antigen detection	38	Varicella Zoster virus
4	Assam	2	8	Eka Seppa	East Kameng	Guwahati Medical college, Guwahati	Dr Naba Kumar	Fever and rash	5	Serum	IgM	4	Measles
	Assam		10	Umsning	Ri-Bhoi	Guwahati Medical college, Guwahati	Dr Naba Kumar	Fever and rash	6	Serum	IgM	5	Measles
5	Bihar	9	12	Guguldih	Jamui	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	5	Serum	IgM/IgG	3	Varicella Zoster virus
	Bihar		13	Pachimaresh	Vaishali	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	5	Serum	IgM/IgG	4	Varicella Zoster virus
	Bihar		14	kachaharia	Nalanda	GMC, Patna	Dr Shankar Prakash	Fever and rash	10	Serum	IgM	7	Varicella Zoster virus/Rubella virus
	Bihar		16	Delua	Rohtas	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	5	Serum	IgM	5	Measles
	Bihar		18	Bageshri	Munger	GMC, Patna	Dr Shankar Prakash	Fever and rash	5	Serum	IgM	3	Varicella Zoster virus/Rubella virus
	Bihar		22	chenpura	Nalanda	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	5	Serum	IgM/IgG	5	Varicella Zoster virus
	Bihar		29	Mirjapur	Rohtas	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	5	Serum	IgM/IgG	4	Varicella Zoster virus
	Bihar		30	Gadai saray	Vaishali	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	5	Serum	IgM/IgG	1	Varicella Zoster virus
	Bihar		31	Rampur chaklala	Vaishali	GMC, Patna	Dr Shankar Prakash	Fever and rash Chickenpox	15	Serum	IgM/IgG	6	Varicella Zoster virus

Sl	State	Outbreak		Geographical area		VRDLN		Disease/syndrome (provisional/confirmed)	Total cases tested	Type of sample	Test conducted	Positive cases	Etiological agent
		Total	No.	Village	District	Institution	PI						
6	Gujarat	22	GU-AND-16-002	Anand	Anand	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	1	Measles
	Gujarat		MOB-GU-SRC-16-005	Sagrampura	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	1	Measles
	Gujarat		MOB-GU-SRT-16-001	Mahuwa	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GJ-KDA-16-001	Chetarsumba	Kheda	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GU--SRC-16-006	Deesa	Banaskantha	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	1	Measles
	Gujarat		MOB-IND-GU-BRH-16-001	J Diva	Bharuch	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GU-BRH-16-002	Ankleshwar	Bharuch	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	2	Measles
	Gujarat		MOB-IND-GU-GNR-16-001	Mahudi	Gandhinagar	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GUJ-DHD-16-001	Dahod	Dahod	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles

Sl	State	Outbreak		Geographical area		VRDLN		Disease/syndrome (provisional/confirmed)	Total cases tested	Type of sample	Test conducted	Positive cases	Etiological agent
		Total	No.	Village	District	Institution	PI						
	Gujarat		MOB-IND-GU-JMC-16-002	Dharanagar	Jamnagar	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	3	Measles
	Gujarat		MOB-IND-GU-JMD-16-004	Sekhapat	Jamnagar	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	4	Measles
	Gujarat		MOB-IND-GUJ--PML-16	Kalol	Panchmahal	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	4	Measles
	Gujarat		MOB-IND-GU-JUN-16-004	Mangrol	Junagadh	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GU-AND-016-003	Bhuj	Kachchh	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GU-KTC-16-005	Bhujodi	Kutch	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GU-PAT-16-001	Samoda	Patan	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	1	Measles
	Gujarat		MOB-IND-GU-RJT-16-003	Vishipara	Rajkot	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	4	Measles

Sl	State	Outbreak		Geographical area		VRDLN		Disease/syndrome (provisional/confirmed)	Total cases tested	Type of sample	Test conducted	Positive cases	Etiological agent
		Total	No.	Village	District	Institution	PI						
	Gujarat		MOB-IND-GU--SRC-16-006	Limbayat	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	4	Measles
	Gujarat		MOB-IND-GU--SRC-16-010	Rander	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	3	Measles
	Gujarat		MOB-IND-GU--SRC-16-002	Pandesar	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	5	Measles
	Gujarat		MOB-IND-GU--SRC-16-015	Althan H Center	Surat	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash	5	Serum	IgM	2	Measles
	Gujarat		MOB-IND-SGU-BAN-16-001	Ratanpur	Banashkantha	B J Medical College, Ahmadabad	Dr M M Vegad	Fever and rash		Serum	IgM	4	Measles

**Figure 1: Most commonly tested viruses at medical college/referral hospitals March 2016 (n=4,908)**



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