

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

**September 2016-Report**

Number of VRDLs functional	35
Suspected outbreaks diagnosed during July 2016 (table 1)	19
<b>Medical College Hospital Routine Diagnostics &amp; Suspected Outbreaks</b>	
Total no. of patients investigated by VRDLs	7806
Total no. of samples tested	8269
Total no. of tests run	15275
Total cases positives (%)	1950(25%)

suspected outbreaks (19) n=364	<ul style="list-style-type: none"> <li>•171(47%) positives</li> <li>•363 samples</li> <li>•555 tests run</li> </ul>
Medical College hospital- routine diagnostics n= 7442	<ul style="list-style-type: none"> <li>•1779 (24%) positives</li> <li>•7906 samples</li> <li>•14720 tests run</li> </ul>

**Table 1 : Suspected outbreaks diagnosed by VRDLs in September 2016 ( n = 19)**

No	VRDL and State	Districts	Etiological Agent	No of outbreaks	Total cases tested	Positive cases
1	KMC Manipal, Karnataka	Gadag	<b>Mumps</b>	1	5	5
2	RMRC, Bhubaneswar, Odisha	Sonepur, Kalahandi	<b>Hepatitis A virus</b>	2	13	7
3	RMRC, Bhubaneswar, Odisha	Malkangiri	<b>Japanese Encephalitis</b>	1	24	8
4	GMC, Jagadapur, Chhattisgarh	Sukma	<b>Dengue</b>	1	50	8
5	SMS, Jaipur, Rajasthan	Alwar	<b>Chikungunya</b>	1	40	22
6	GMC, Jammu, J&K	Jammu, Kathua	<b>Dengue</b>	2	61	6
7	BJ Medical College, Ahmadabad, Gujarat	Banaskantha	<b>Respiratory Syncytial Virus</b>	1	5	1
8	BJ Medical College, Ahmadabad, Gujarat	Somnath, Jamnagar, Morbi, Surat	<b>Measles</b>	4	30	29
9	GMC, Amritsar, Punjab	Amritsar, Gurdaspur	<b>Dengue</b>	2	57	46

10	GMC, Guwahati, Assam	Jaintia Hills, Upper Subansiri	<b>Measles</b>	2	10	8
11	GSMC, Vijayawada, AP	Krishana	<b>Dengue</b>	2	50	21

**Table 2 : Routine virus tested at various VRDLs in September 2016 (n=15275)**

<b>Virus</b>	<b>Positive %</b>	<b>Total tests run</b>
Dengue	18.58	6441
Influenza B	22.09	996
Influenza A H1N1	2.12	898
Hepatitis C virus (HCV)	2.63	798
Influenza A H3N2	4.68	791
Hepatitis B virus (HBV)	6.40	688
Chikungunya	17.30	607
Dengue	19.33	600
Hepatitis A virus (HAV)	15.63	416
Hepatitis E virus (HEV)	16.57	356
Influenza A	4.55	286
Japanese Encephalitis(JE)	11.07	271
Enterovirus	4.21	190
Respiratory Syncytial Virus (RSV)	41.25	160
Herpes Simplex Virus (HSV-2)	4.49	156
Varicella Zoaster Virus (VZV)	4.41	136
Herpes simplex virus (HSV)	3.85	130
Adeno Virus	12.10	124
Cytomegalovirus (CMV)	10.81	111
Rubella Virus	10.98	82
Herpes Simplex Virus (HSV)	2.67	75
Epstein-Barr-Virus (EBV)	9.59	73
Measles	58.90	73