

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

July 2019 - REPORT

Functional VRDLs(n=62)

	Medical college hospital	Outbreaks (n=)	Total
Totalno.ofpatientsinvestigatedbyVRDLs	23188	394	23582
Total no. of samples tested	23688	419	24107
Total no. of tests run	40126	570	40696
Total cases positives (%)	4904 (21%)	132 (34%)	5036 (21%)

Table 1A: Suspected outbreaks diagnosed by VRDLs July 2019 (n=27)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
01. KMC Manipal, Karnataka	Hassan, Shimoga	Mumps virus	2	4	4
03. KGMU, Lucknow, UP	Lucknow	Varicella Zoaster Virus	4	12	12
	Azamgarh, Raebareli	Hepatitis E virus	2	23	23
04. RMRC, Bhubaneswar, Odisha	Dhenkanal	Dengue	1	1	5
10. RIMS, Ranchi, Jharkhand	Khunti, Simdega	Varicella Zoaster Virus	2	10	13
27. Indira Gandhi GMC, Nagpur, Maharashtra	Bhandara, Chandrapur	Japanese Encephalitis	2	21	96
37. JNIMSH, Imphal-East, Manipur	Imphal West, Churachandpur	Japanese Encephalitis	2	5	15
	Imphal East	Influenza A H3N2	1	3	3
52. GIPMER, Pondichery	Pondicherry	Hepatitis A virus	1	6	11
53. Government Medical College, Srinagar	Kulgam	Hepatitis E virus	1	9	11
54. MGM Medical College, Dimna Chowk, Jamshedpur	East Singhbhum	Japanese Encephalitis	2	9	42
59. Govt Medical College, Haldwani, Uttarakhand	Nainital	Japanese Encephalitis	1	1	17
67. RIMS, Imphal, Manipur	Thoubal, Kakching	Japanese Encephalitis	2	6	43
70. Silchar Medical College & Hospital, Silchar, Assam	Cachar, Hailakandi, Karimganj, Unokoti	Japanese Encephalitis	4	20	88

Table 2 A: Routine virus tested at VRDLs during July 2019 (n=40696)

Virus Tested	Positive	%	Total Tested
Dengue	2425	16.7%	14513
Hepatitis C virus (HCV)	343	7.7%	4461
Hepatitis B virus (HBV)	581	13.2%	4399
Chikungunya	305	11.9%	2567
Japanese Encephalitis(JE)	549	24.1%	2275
Influenza B	188	10.8%	1747
Hepatitis A virus (HAV)	270	17.5%	1546
Influenza A Pandemic H1N1	133	8.8%	1514
Hepatitis E virus (HEV)	178	12.0%	1488
Influenza A H3N2	198	19.8%	999
Herpes simplex virus (HSV)	25	3.1%	801
Influenza A	66	10.0%	658
Orientia tsutsugamushi (Scrub typhus)	75	12.3%	611
Cytomegalovirus (CMV)	57	11.8%	482
Herpes simplex virus -2 (HSV-2)	8	2.2%	364
Rubella Virus	66	20.0%	330
Measles	32	14.0%	229
Zika virus	0	0.0%	226
Epstein-Barr-virus (EbV)	47	21.2%	222
Varicella Zoaster Virus (VZV)	30	15.1%	199
Parvovirus	18	10.7%	168
Rota Virus	5	4.2%	118
Enterovirus	13	13.5%	96
Hepatitis D virus (HDV)	0	0.0%	93
RSV (Respiratory Syncytial Virus)	2	2.2%	89
Adeno Virus	0	0.0%	84
Not in the list	16	20.5%	78
Mumps virus	15	28.3%	53
Human papillomavirus	17	33.3%	51
Parainfluenza A/B/C	1	2.1%	47
Human metapneumovirus (HMPV)	0	0.0%	43
Rhinoviruses	2	6.3%	32
West Nile Virus	0	0.0%	19
Human Boca virus	0	0.0%	14
Other Influenza	0	0.0%	13
coxsackieviruse	3	30.0%	10
Herpes simplex virus -1 (HSV-1)	1	11.1%	9
Kyasanur Forest Disease Virus	0	0.0%	9
Astrovirus	0	0.0%	6
Human Herpes Virus (HHV 6)	0	0.0%	6
Human Herpes Virus 7(HHV 7)	0	0.0%	6
Coronavirus	0	0.0%	5
Norovirus	0	0.0%	5
Sapovirus	0	0.0%	4
Leptospira	0	0.0%	3
No data	0	0.0%	3
Ebola virus	1	100.0%	1
Total	5670	13.9%	40696

