

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

February 2021 - REPORT

Functional VRDLs (n=45)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	10854	12	10866
Total no. of samples tested	10941	12	10953
Total no. of tests run	20225	12	20237
Total tests positive	1403	12	1415
Total cases positives (%)	1302 (12%)	12 (100%)	1314 (12%)

Table 1: Suspected outbreaks diagnosed by VRDLs February 2021 (n=2)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
31. Guwahati MC, Guwahati, Assam	Nagaon	Varicella Zoster Virus	1	4	4
54. MGM Medical College, DimnaChowk, Jamshedpur	East Singhbhum	Varicella Zoster Virus	1	8	8

Table2 : Virus tested at VRDLsduring February 2021 (n=20237)

Virus Tested	Positive	%	Total Tested
Hepatitis C virus (HCV)	325	6.7%	4830
Hepatitis B virus (HBV)	218	4.6%	4700
Dengue	351	8.0%	4363
Chikungunya	75	5.8%	1295
Orientia tsutsugamushi (Scrub typhus)	102	13.9%	733
Hepatitis A virus (HAV)	30	4.6%	655
Hepatitis E virus (HEV)	53	8.3%	635
Influenza A Pandemic H1N1	20	4.0%	496
Leptospira	52	14.9%	348
Cytomegalovirus (CMV)	57	18.6%	307
Herpes simplex virus (HSV)	5	2.1%	233
Japanese Encephalitis(JE)	4	2.1%	193
Rubella Virus	5	2.9%	172
Epstein-Barr-virus (EBV)	9	6.3%	143
Herpes simplex virus -1 (HSV-1)	6	4.3%	138
Influenza B	0	0.0%	132
Measles	14	13.5%	104
Parvovirus	14	13.6%	103
Influenza A	0	0.0%	74
Varicella Zoster Virus (VZV)	15	21.1%	71
Herpes simplex virus -2 (HSV-2)	2	3.3%	61
Adeno Virus	4	8.0%	50
Coronavirus	34	69.4%	49
Human metapneumovirus (HMPV)	0	0.0%	49
Influenza A H3N2	1	2.0%	49
Rhinovirus	6	14.6%	41
Parainfluenza 1/2/3/4	1	2.7%	37
Respiratory Syncytial virus B (RSVB)	0	0.0%	35
Respiratory Syncytial virus A (RSVA)	1	2.9%	34
Enterovirus	0	0.0%	33
Rota Virus	10	52.6%	19
Mumps virus	1	6.3%	16
Respiratory Syncytial Virus (RSV)	0	0.0%	16
West Nile virus (WNV)	0	0.0%	8
Hepatitis D virus (HDV)	0	0.0%	5
Human Boca virus	0	0.0%	5
Astrovirus	0	0.0%	1
J C VIRUS	0	0.0%	2
Norovirus	0	0.0%	1
Sapovirus	0	0.0%	1
Total	1415	7.0%	20237