

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

December 2020 - REPORT

Functional VRDLs (n=)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	7135	0	7135
Total no. of samples tested	7229	0	7229
Total no. of tests run	12568	0	12568
Total tests positive	1049	0	1049
Total cases positives (%)	957 (13%)	0	957 (13%)

Table 1: Suspected outbreaks diagnosed by VRDLs December 2020 (n=0)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested

Table 2 : Routine virus tested at VRDLs during December 2020 (n=12568)

Virus Tested	Positive	%	Total Tested
Dengue	343	10.0%	3433
Hepatitis C virus (HCV)	145	6.1%	2377
Hepatitis B virus (HBV)	98	4.2%	2343
Chikungunya	133	12.5%	1065
Orientia tsutsugamushi (Scrub typhus)	63	11.4%	554
Hepatitis A virus (HAV)	35	7.8%	451
Hepatitis E virus (HEV)	44	11.0%	399
Leptospira	50	15.6%	321
Japanese Encephalitis (JE)	9	4.1%	222
Cytomegalovirus (CMV)	31	14.3%	217
Herpes simplex virus (HSV)	3	1.7%	175
Herpes simplex virus -1 (HSV-1)	5	3.4%	149
Influenza A Pandemic H1N1	3	2.0%	147
Rubella Virus	1	1.0%	99
Epstein-Barr-virus (EBV)	10	10.6%	94
Parvovirus	9	11.5%	78
Influenza B	0	0.0%	71
Coronavirus	54	85.7%	63
Influenza A	0	0.0%	63
Measles	5	8.3%	60
Herpes simplex virus -2 (HSV-2)	2	4.1%	49
Influenza A H3N2	0	0.0%	27
Varicella Zooster Virus (VZV)	3	13.6%	22
Enterovirus	0	0.0%	16
Mumps virus	0	0.0%	9
Parainfluenza 1/2/3/4	0	0.0%	8
Hepatitis D virus (HDV)	0	0.0%	7
Human metapneumovirus (HMPV)	0	0.0%	7
Human parechovirus (HPeV)	1	14.3%	7
Adeno Virus	0	0.0%	6
Respiratory Syncytial virus A (RSVA)	0	0.0%	5
Respiratory Syncytial virus B (RSVB)	0	0.0%	5
Rhinovirus	1	20.0%	5
West Nile virus (WNV)	0	0.0%	5
JC VIRUS	1	33.3%	3
Respiratory Syncytial Virus (RSV)	0	0.0%	2
COVID-19	0	0.0%	1
Human Boca virus	0	0.0%	1
Human papillomavirus	0	0.0%	1
No data	0	0.0%	1
Total	1049	8.3%	12568