

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

October 2020 - REPORT

Functional VRDLs (n=41)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	6703	25	6728
Total no. of samples tested	6787	25	6812
Total no. of tests run	11959	67	12026
Total tests positive	1428	9	1437
Total cases positives (%)	1252 (19%)	8 (32%)	1260 (19%)

Table 1: Suspected outbreaks diagnosed by VRDLs October 2020 (n=3)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
03. KGMU, Lucknow, UP	Fatehpur	Dengue	2	6	16
	Fatehpur	Scrub Typhus (1 case) Chikungunya (1 case)	1	2	9

Table2 :Routine virus tested at VRDLsduring October 2020 (n=12026)

Virus Tested	Positive	%	Total Tested
Dengue	946	19.7%	4802
Hepatitis C virus (HCV)	95	4.8%	1989
Hepatitis B virus (HBV)	47	2.6%	1838
Chikungunya	105	11.3%	929
Orientia tsutsugamushi (Scrub typhus)	48	10.8%	446
Hepatitis E virus (HEV)	25	7.7%	326
Hepatitis A virus (HAV)	20	6.8%	296
Leptospira	81	29.6%	274
Japanese Encephalitis(JE)	18	9.4%	191
Cytomegalovirus (CMV)	31	20.4%	152
Herpes simplex virus (HSV)	4	3.4%	116
Herpes simplex virus -1 (HSV-1)	2	2.3%	86
Epstein-Barr-virus (EBV)	6	8.0%	75
Measles	3	4.3%	69
Parvovirus	0	0.0%	64
Influenza B	0	0.0%	55
Influenza A	0	0.0%	47
Herpes simplex virus -2 (HSV-2)	0	0.0%	41
Rubella Virus	1	2.5%	40
Influenza A Pandemic H1N1	0	0.0%	36
Varicella Zoster Virus (VZV)	1	3.1%	32
Influenza A H3N2	0	0.0%	23
Enterovirus	0	0.0%	22
West Nile virus (WNV)	0	0.0%	13
Coronavirus	0	0.0%	9
Respiratory Syncytial Virus (RSV)	0	0.0%	7
Hepatitis D virus (HDV)	1	16.7%	6
Human parechovirus (HPeV)	0	0.0%	5
Influenza B Victoria	0	0.0%	5
Mumps virus	0	0.0%	5
Parainfluenza 1/2/3/4	0	0.0%	5
Adeno Virus	1	25.0%	4
No Data	0	0.0%	4
Rhinovirus	1	25.0%	4
Human metapneumovirus (HMPV)	0	0.0%	3
Influenza A-H5N1	0	0.0%	2
Respiratory Syncytial virus A (RSVA)	1	50.0%	2
Respiratory Syncytial virus B (RSVB)	0	0.0%	2
Sapovirus	0	0.0%	1
Total	1437	11.9%	12026