

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

**August 2020 - REPORT**

Functional VRDLs (n=28)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	2233	39	2272
Total no. of samples tested	2264	39	2303
Total no. of tests run	3619	71	3690
Total tests positive	291	34	325
Total cases positives (%)	266 (12%)	25 (64%)	291 (13%)

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

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
03. KGMU, Lucknow, UP	Fatehpur	Dengue	3	25	39

**Table2 :Routine virus tested at VRDLsduring August 2020 (n=3690)**

<b>Virus Tested</b>	<b>Positive</b>	<b>%</b>	<b>Total Tested</b>
Dengue	137	10.1%	1359
Hepatitis C virus (HCV)	8	1.5%	520
Hepatitis B virus (HBV)	11	2.9%	381
Chikungunya	15	6.9%	218
Leptospira	53	28.2%	188
Hepatitis E virus (HEV)	17	9.9%	172
Orientia tsutsugamushi (Scrub typhus)	18	11.0%	164
Hepatitis A virus (HAV)	7	4.9%	144
Japanese Encephalitis(JE)	28	24.1%	116
Influenza A Pandemic H1N1	0	0.0%	57
Herpes simplex virus -1 (HSV-1)	0	0.0%	53
Cytomegalovirus (CMV)	11	26.8%	41
Epstein-Barr-virus (EBV)	8	27.6%	29
Parvovirus	2	7.7%	26
Enterovirus	0	0.0%	24
Varicella Zoster Virus (VZV)	0	0.0%	22
Herpes simplex virus -2 (HSV-2)	1	4.8%	21
Influenza A	0	0.0%	16
Measles	5	33.3%	15
Adeno Virus	0	0.0%	14
Influenza B	0	0.0%	14
Respiratory Syncytial Virus (RSV)	0	0.0%	13
Bocaparvovirus	0	0.0%	11
Human metapneumovirus (HMPV)	0	0.0%	11
Parainfluenza 1/2/3/4	0	0.0%	11
Rhinovirus	2	18.2%	11
West Nile virus (WNV)	0	0.0%	8
Herpes simplex virus (HSV)	0	0.0%	7
Rubella Virus	1	14.3%	7
Sapovirus	0	0.0%	5
Influenza A H3N2	0	0.0%	3
Mumps virus	0	0.0%	3
Norovirus	1	50.0%	2
Astrovirus	0	0.0%	1
Hepatitis D virus (HDV)	0	0.0%	1
Human parechovirus (HPeV)	0	0.0%	1
Rota Virus	0	0.0%	1
<b>Total</b>	<b>325</b>	<b>8.8%</b>	<b>3690</b>