

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

November 2019 - REPORT

Functional VRDLs(n=80)

	Medical college hospital	Disease Cluster	Total
Total no. of patients investigated by VRDLs	33158	186	33344
Total no. of samples tested	33657	194	33851
Total no. of tests run	55987	254	56241
Total cases positives (%)	10224 (31%)	114 (61%)	10338 (31%)

Table 1: Suspected outbreaks diagnosed by VRDLs November 2019 (n=12)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
03. KGMU, Lucknow, UP	Raebareli	Varicella Zoaster Virus	1	3	3
04. RMRC, Bhubaneswar, Odisha	Balangir, Sonepur	Dengue	1	6	11
10. RIMS, Ranchi, Jharkhand	Ranchi, Deoghar	Dengue/Chikungunya	2	22	26
	Godda	Dengue	1	4	8
28. Madurai MC, Madurai, TN	Madurai	Chikungunya	3	9	17
31. Guwahati MC, Guwahati, Assam	Kamrup	Hepatitis A virus/ Hepatitis E virus	1	14	19
56. STNM Hospital, Gangtok, Sikkim	South Sikkim	Dengue	1*	26	31
66. MMCH, Midnapore, West Bengal	Paschim Medinipur	Hepatitis A virus	1	9	12
85. Government Medical College, Miraj, Maharashtra	Sangli	Dengue	1*	21	51

Note: * Indicate continuation of outbreak from previous month

Table 2 : Routine virus tested at VRDLs during November 2019 (n=56241)

Virus Tested	Positive	%	Total Tested
Dengue	7929	29.7%	26662
Chikungunya	1325	23.9%	5554
Hepatitis B virus (HBV)	319	8.6%	3722
Hepatitis C virus (HCV)	271	7.7%	3533
Orientia tsutsugamushi (Scrub typhus)	486	20.9%	2324
Hepatitis A virus (HAV)	238	13.4%	1775
Hepatitis E virus (HEV)	160	9.8%	1641
Influenza B	31	2.0%	1571
Japanese Encephalitis (JE)	173	12.0%	1437
Influenza A Pandemic H1N1	26	1.9%	1334
Influenza A	9	1.1%	840
Influenza A H3N2	27	4.3%	632
Leptospira	125	20.4%	612
Cytomegalovirus (CMV)	69	12.5%	554
Herpes simplex virus -1 (HSV-1)	13	3.0%	439
Herpes simplex virus (HSV)	11	2.7%	403
Rubella Virus	77	22.7%	339
Enterovirus	28	9.9%	284
Herpes simplex virus -2 (HSV-2)	5	1.8%	273
Measles	55	20.7%	266
Human metapneumovirus (HMPV)	11	4.6%	237
Epstein-Barr-virus (EBV)	24	11.9%	202
Adeno Virus	10	5.1%	197
Respiratory Syncytial virus A (RSVA)	62	31.6%	196
Respiratory Syncytial virus B (RSVB)	10	5.2%	192
Parainfluenza 1/2/3/4	0	0.0%	174
Respiratory Syncytial Virus (RSV)	51	29.5%	173
Rhinovirus	29	22.0%	132
Parvovirus	22	17.9%	123
Zika virus	0	0.0%	117
Rota Virus	23	36.5%	63
Varicella Zoaster Virus (VZV)	19	38.0%	50
Hepatitis D virus (HDV)	0	0.0%	47
Mumps virus	7	28.0%	25
Coronavirus	3	15.0%	20
Human papillomavirus	8	61.5%	13
Influenza B Victoria	2	15.4%	13
West Nile virus (WNV)	0	0.0%	12
Human parechovirus (HPeV)	0	0.0%	10
Influenza B Yamagata	0	0.0%	10
Not in the list	5	35.7%	14
Chandipura virus (CHPV)	0	0.0%	6
Human Boca virus	1	20.0%	5
Kyasanur Forest Disease Virus	0	0.0%	4
Astrovirus	0	0.0%	3
Norovirus	1	33.3%	3

Nipah virus	0	0.0%	2
Bocaparvovirus	0	0.0%	1
Influenza A untypable	0	0.0%	1
MERS-CoV	0	0.0%	1
Total	11665	20.7%	56241