

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

September 2017 - REPORT

DHR – Functional VRDLs (n=28)

	Medical college hospital	Outbreaks	Total
Total no. of patients investigated by VRDLs	15552	154	15706
Total no. of samples tested	15678	165	15843
Total no. of tests run	22454	226	22680
Total cases positives (%)	5408 (35%)	76 (49%)	5484 (35%)

ICMR – Functional VRDLs (n=6)

	Medical college hospital	Outbreaks	Total
Total no. of patients investigated by VRDLs	4138	17	4155
Total no. of samples tested	4293	17	4310
Total no. of tests run	9180	18	9198
Total cases positives (%)	1260 (30%)	10 (59%)	1270 (31%)

Table 1A: Suspected outbreaks diagnosed by DHR-VRDLs September 2017 (n=14)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
18. GMC, Jammu, J&K	Doda,Dumka, Jammu	Influenza A Pandemic H1N1	2	4	12
	Jammu	Dengue	3	6	19
20. BJ Medical College, Ahmadabad, Gujarat	Morbi	Measles	1	5	5
29. SVIMS, Tirupathi, AP	Chittoor	Dengue	1	3	5
	Chittoor	Chikungunya	1	4	17
	Chittoor, Krishna	Influenza A Pandemic H1N1 / H3N2	4	29	57
37. JNIMSH, Imphal-East, Manipur	Senapati	Dengue	1	2	12
39. GMC, Patiala,Punjab	Mansa	Mumps	1	8	10

Table 1B: Suspected outbreaks diagnosed by ICMR-VRDLs September 2017 (n=1)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
11. Andhra MC, Visakhapatnam, AP	Visakhapatnam	Dengue	1	9	13

Table 2 A: Routine virus tested at DHR - VRDLs during September 2017 (n=22680)

Virus tested	Positive	%	Total Tested
Dengue	2901	31.2%	9304
Influenza A Pandemic H1N1	1101	30.1%	3659
Chikungunya	236	15.5%	1519
Hepatitis C virus (HCV)	121	9.6%	1254
Influenza A H1N1	538	49.5%	1086
Influenza A H3N2	55	5.8%	950
Influenza B	8	0.8%	947
Hepatitis B virus (HBV)	105	11.2%	936
Other Influenza	121	27.4%	442
Hepatitis A virus (HAV)	70	15.9%	439
Hepatitis E virus (HEV)	46	11.0%	417
Japanese Encephalitis(JE)	20	7.3%	273
Herpes simplex virus (HSV)	3	1.6%	186
Influenza A	74	43.5%	170
Enterovirus	1	0.7%	142
Varicella Zoaster Virus (VZV)	0	0.0%	141
Cytomegalovirus (CMV)	11	8.0%	137
Zika virus	0	0.0%	118
Epstein-Barr-virus (EbV)	5	6.7%	75
Parvovirus	18	28.1%	64
Herpes Simplex Virus (HSV-2)	2	3.7%	54
Adeno Virus	5	9.4%	53
Human metapneumovirus (HMPV)	9	18.4%	49
Respiratory Syncytial Virus (RSV)	0	0.0%	49
Rhinoviruses	6	12.2%	49
Human Para Influenza-1/2/3/4	2	4.2%	48
West Nile	0	0.0%	46
Measles	12	37.5%	32
Rubella Virus	3	15.8%	19
Mumps virus	10	62.5%	16
Rota Virus	1	25.0%	4
Not in the list	0	0.0%	2
Total	5484	24.2%	22680

Table 2 B: Routine virus tested at ICMR - VRDLs during September 2017 (n=9198)

Virus tested	Positive	%	Total Tested
Dengue	670	22.9%	2924
Influenza A H3N2	231	14.3%	1621
Influenza B	9	0.6%	1609
Influenza A Pandemic H1N1	140	12.5%	1122
Influenza A H1N1	76	11.4%	665
Chikungunya	38	15.2%	250
Hepatitis B virus (HBV)	11	7.8%	141
Hepatitis E virus (HEV)	26	18.7%	139
Hepatitis A virus (HAV)	5	5.4%	93
Hepatitis C virus (HCV)	4	4.3%	93
Respiratory Syncytial Virus (RSV)	19	24.4%	78
Enterovirus	4	6.8%	59
Varicella Zoaster Virus (VZV)	6	10.5%	57
Herpes Simplex Virus (HSV-2)	0	0.0%	55
Japanese Encephalitis(JE)	0	0.0%	51
Herpes simplex virus (HSV)	0	0.0%	50
Mumps virus	1	2.3%	44
Rubella Virus	4	10.0%	40
Measles	5	14.7%	34
No Data	3	15.8%	19
Adeno Virus	5	31.3%	16
Cytomegalovirus (CMV)	4	26.7%	15
Other Influenza	8	100.0%	8
Not in the list	0	0.0%	7
Influenza A	1	33.3%	3
Parvovirus	0	0.0%	2
Epstein-Barr-virus (EbV)	0	0.0%	1
Norovirus	0	0.0%	1
Rota Virus	0	0.0%	1
Total	1270	13.8%	9198