

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

June 2017 - REPORT

DHR – Functional VRDLs (n=30)

	Medical college hospital	Outbreaks (n= 35)	Total
Total no. of patients investigated by VRDLs	7785	359	8144
Total no. of samples tested	7958	410	8368
Total no. of tests run	13085	574	13659
Total cases positives (%)	1710 (22%)	189 (53%)	1899 (23%)

ICMR – Functional VRDLs (n= 8)

	Medical college hospital	Outbreaks (n= 1)	Total
Total no. of patients investigated by VRDLs	4190	6	4196
Total no. of samples tested	4486	6	4492
Total no. of tests run	10234	6	10240
Total cases positives (%)	1265 (30%)	5 (83%)	1270 (30%)

Table 1: Suspected outbreaks diagnosed by DHR-VRDLs June 2017 (n=35)

ICMR/ DHR	VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
DHR	14. RMRC, Dibrugarh, Assam	Shillong	Enteroinvasive Escherichia coli (E. coli) / Shigel	1	5	6
		Dibrugarh	Influenza A	1	8	21
DHR	20. BJ Medical College, Ahmadabad, Gujarat	Jamnagar, Morbi, Panchmahal	Measles	3	8	15
DHR	31. Guwahati MC, Guwahati, Assam	Mon, Nagaland, Kokrjhar	Measles	2	9	10
		Zunheboto	Rubella Virus	1	5	7
DHR	32. GMC, Tiruvananthapuram, Kerala	Thiruvananthapuram, Kollam	Dengue	25	78	191
DHR	35. Govt Siddhartha MC, Vijayawada, AP	Krishna	Dengue	1	26	27
DHR	40. UP RIMSR, Saifai, Etawah, UP	FIROZABAD	Influenza A H1N1	1	2	7

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

ICMR/ DHR	VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
ICMR	04. RMRC, Bhubaneswar, Odisha	Khurda	Hepatitis E virus	1	5	6

Table 2 A: Routine virus tested at DHR - VRDLs during June 2017 (n=13659)

Virus tested	Positive	Positive %	Total Tested
Dengue	666	24.1%	2760
Hepatitis C virus (HCV)	328	14.1%	2325
Hepatitis B virus (HBV)	232	11.4%	2031
Hepatitis A virus (HAV)	130	17.9%	727
Influenza A H1N1	103	15.1%	681
Hepatitis E virus (HEV)	99	15.0%	660
Chikungunya	60	9.4%	639
Influenza A	66	12.1%	545
Herpes simplex virus (HSV)	20	3.9%	516
Japanese Encephalitis(JE)	15	3.7%	401
Cytomegalovirus (CMV)	21	6.0%	350
Not in the list	40	13.4%	298
Enterovirus	1	0.4%	266
Varicella Zooster Virus (VZV)	2	0.8%	247
Rubella Virus	27	12.1%	223
Herpes Simplex Virus (HSV-2)	4	1.9%	208
Influenza B	1	0.7%	145
Measles	51	35.4%	144
West Nile	1	0.9%	115
Epstein-Barr-Virus (EBV)	10	10.3%	97
Influenza A H3N2	0	0.0%	93
Parainfluenza 1,2	0	0.0%	64
Parvovirus	20	31.7%	63
Respiratory Syncytial Virus (RSV)	0	0.0%	26
Adeno Virus	1	4.0%	25
Rota Virus	1	10.0%	10
Total	1899	13.9%	13659

Table 2 B: Routine virus tested at ICMR - VRDLs during June 2017 (n=10240)

Virus tested	Positive	Positive %	Total Tested
Dengue	465	19.2%	2421
Influenza A H1N1	421	26.7%	1579
Influenza A H3N2	35	2.3%	1527
Influenza B	5	0.3%	1524
Hepatitis B virus (HBV)	118	24.2%	487
Not in the list	6	1.5%	401
Chikungunya	47	12.1%	390
Hepatitis C virus (HCV)	6	1.8%	325
Hepatitis E virus (HEV)	24	10.1%	237
Herpes simplex virus (HSV)	10	4.5%	220
Japanese Encephalitis(JE)	12	6.2%	195
Hepatitis A virus (HAV)	27	22.7%	119
Herpes Simplex Virus (HSV-2)	1	0.9%	114
Enterovirus	6	6.0%	100
Varicella Zoaster Virus (VZV)	7	8.0%	88
Norovirus	1	1.3%	75
Rota Virus	0	0.0%	75
Adeno Virus	10	16.7%	60
Epstein-Barr-Virus (EBV)	17	28.8%	59
Rubella Virus	17	30.9%	55
Cytomegalovirus (CMV)	21	41.2%	51
Respiratory Syncytial Virus (RSV)	1	2.4%	42
Influenza A	5	12.8%	39
Measles	5	21.7%	23
No data	1	5.0%	20
Parvovirus	2	14.3%	14
Total	1270	12.4%	10240