Hospital Based Rotavirus & Intussusception Surveillance in Bangladesh
(HBRIS)
Monthly Report, August 2018

☞ Name, location and starting month of HBRIS hospitals

Sl.no.	Name of the hospitals	Location	Surveillance start	Current status
01.	Jahurul Islam Medical College Hospital (JIMCH)	Kishoregonj	July'12	Ongoing
02.	Rajshahi Medical College Hospital (RMCH)	Rajshahi	July'12	Ongoing
03.	Jalalabad Ragib-Rabeya Medical College Hospital (JRRMCH)	Sylhet	July'12	Ongoing
04.	World Mission Prayer League (LAMB)	Dinajpur	Febuary'13	Closed in June'15
05.	Bangabandhu Memorial Hospital (BBMH)	Chittagong	Febuary'13	Ongoing
06.	Jessore General Hospital (JGH)	Jessore	August'13	Ongoing
07.	Sher-e-Bangla Medical College Hospital (SBMCH)	Barisal	August'13	Ongoing
08.	Rangpur Medical College Hospital (RpMCH)	Rangpur	January'16	Ongoing

☞ Proportion of children aged <5 years hospitalized with acute gastroenteritis (AGE) with evidence of rotavirus infection and number of intussusception cases aged <2 years during August 2018, by hospital

Hospital name	Rotavirus			Intussusception confirmed[⌖]
	AGE[¶]	Sampled[Ŧ]	Positive (%)	
RMCH	48	12	-	03
JIMCH	47	11	05(45%)	-
JRRMCH	30	07	01(14%)	-
BBMH	11	02	01(50%)	-
JGH	04	01	01(100%)	-
SBMCH	66	17	11(65%)	-
RpMCH	13	04	01(25%)	-
Cumulative Total	219	54	20(37%)	03

☞ Distribution of acute gastroenteritis (AGE), rotavirus and intussusception cases, by age group and sex, August 2018

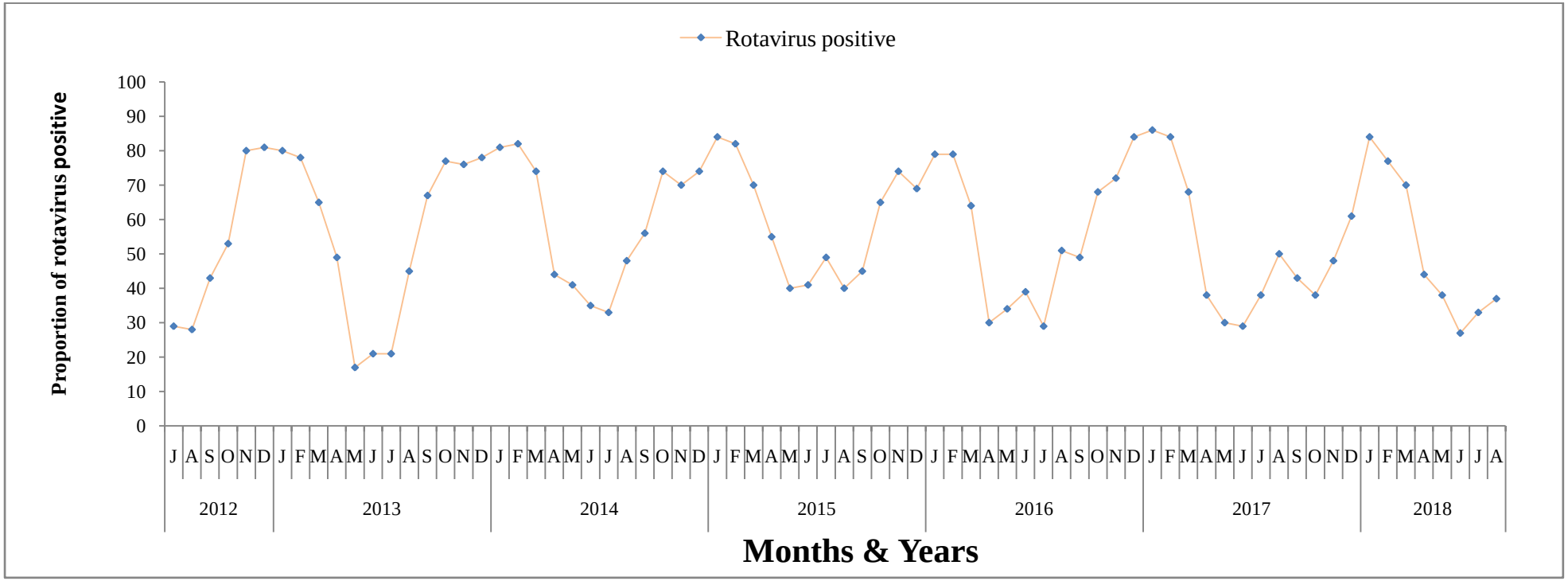
	Rotavirus			Intussusception confirmed *N=03*
	AGE *N=219*	Sampled *N=54*	Positive (%) *N=20*	
Age groups(in months)				
0-5	21	3	01(33%)	01
6-11	95	28	11(39%)	02
12-17	44	13	05(38%)	-
18-23	21	5	02(40%)	-
24-59	38	5	01(20%)	-
Male sex	147	33	12(36%)	02(67%)

¶ Acute Gastroenteritis (AGE) - ≥3 watery or looser-than-normal stools or ≥1 episode of forceful vomiting, within a 24 hour period, with symptoms lasting ≤7 days

Ŧ Every 4th suspected cases (in case of LAMB hospital every patient)

⌖ Child under 2 years who is admitted in selected hospitals & meet the Level 1 or 2 or 3, Brighton Collaboration diagnostic criteria (either by clinical/surgical and/or radiological and/or autopsy criteria)

☞ Proportion of hospitalized acute gastroenteritis cases with evidence of rotavirus infection, by months



☞ Proportion of children aged <5 years with acute gastroenteritis (AGE) with evidence of rotavirus infection including number of death and number of intussusception cases aged <2 years, by hospital
July'12- August'18

Hospital name	Rotavirus				Intussusception confirmed
	AGE	Sampled	Positive (%)	Rotavirus associated deaths	
RMCH	10,593	2,643	1,591(61%)	3	148
JIMCH	5,955	1,487	965(65%)	1	16
JRRMCH	5,856	1,450	939(65%)	-	53
LAMB	178	142	89(63%)	1	-
BBMH	1,853	458	292(65%)	-	8
JGH	3,189	790	438(56%)	-	2
SBMCH	7,654	1,912	1,209(64%)	-	27
RpMCH	1,747	430	279(66%)	-	14
Cumulative Total	37,025	9,312	5,802(63%)	5	268