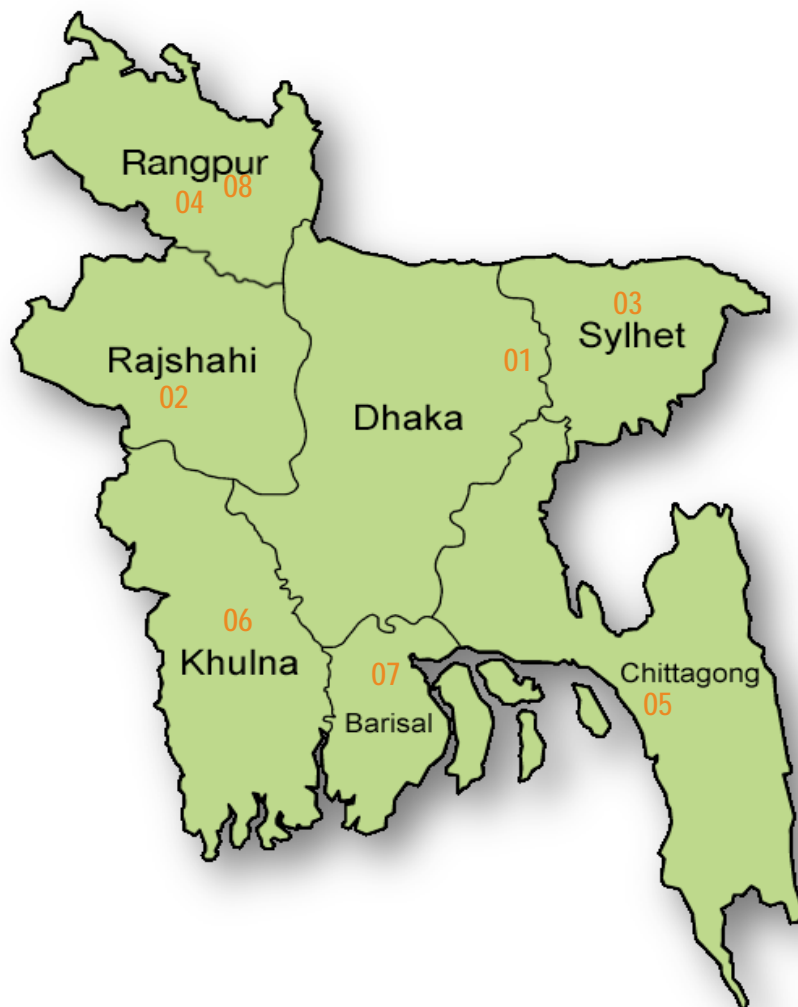




Hospital Based Rotavirus & Intussusception Surveillance in Bangladesh (HBRIS)

Monthly Report, October 2018



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👉 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	February'13	Closed in June'15
05.	Bangabandhu Memorial Hospital (BBMH)	Chittagong	February'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 October 2018, by hospital

Hospital name	Rotavirus			Intussusception confirmed [‡]
	AGE [¶]	Sampled [‡]	Positive (%)	
RMCH	72	18	06(33%)	1
JIMCH	68	17	09(53%)	-
JRRMCH	67	16	15(94%)	-
BBMH	23	6	03(50%)	-
JGH	44	11	05(45%)	-
SBMCH	109	28	16(57%)	-
RpMCH	15	4	01(25%)	-
Cumulative Total	398	100	55(55%)	1

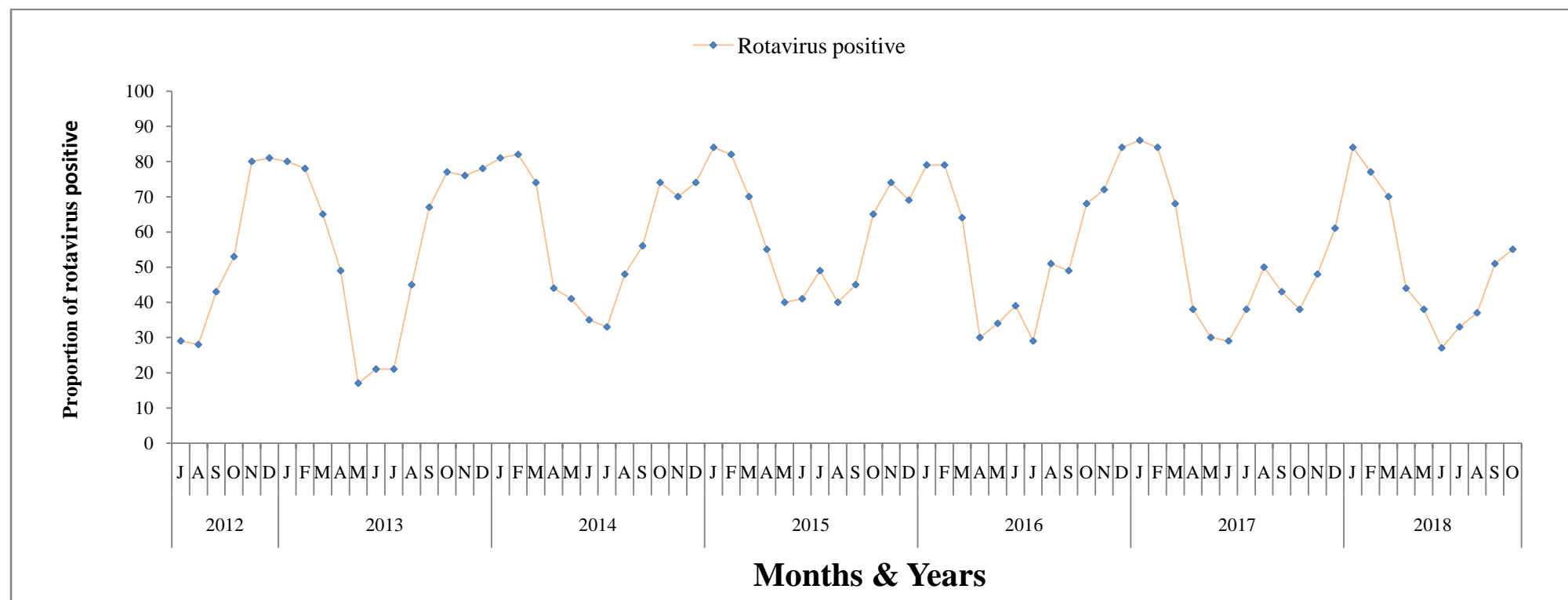
👉 Distribution of acute gastroenteritis (AGE), rotavirus and intussusception cases, by age group and sex, October 2018

	Rotavirus			Intussusception confirmed N=01
	AGE N=398	Sampled N=100	Positive (%) N=55	
Age groups(in months)				
0-5	47	12	07(58%)	01
6-11	156	46	27(59%)	-
12-17	108	25	14(56%)	-
18-23	38	10	06(60%)	-
24-59	49	07	01(14%)	-
Male sex	254	59	32(54%)	01(100%)

¶ 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

‡ 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 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- October'18

Hospital name	Rotavirus				Intussusception confirmed
	AGE	Sampled	Positive (%)	Rotavirus associated deaths	
RMCH	10,713	2,673	1,599(60%)	3	152
JIMCH	6,079	1,518	980(65%)	1	16
JRRMCH	5,986	1,481	964(65%)	-	53
LAMB	178	142	89(63%)	1	-
BBMH	1,894	468	299(64%)	-	8
JGH	3,243	803	443(55%)	-	2
SBMCH	7,818	1,953	1,234(63%)	-	27
RpMCH	1,771	435	280(64%)	-	15
Cumulative Total	37,682	9,473	5,888(62%)	5	273