



Hospital Based Rotavirus Surveillance in Children < 5 years of age and
Intussusception Surveillance in Children < 2 years of age (HBRIS) in Bangladesh

Monthly Report, October 2025



◆ Name, location and starting month of HBRIS hospitals

Sl. No.	Name of the Hospitals	Location	Surveillance start	Current status
01.	Rajshahi Medical College Hospital (RMCH)	Rajshahi	July'12	Ongoing
02.	Jahurul Islam Medical College Hospital (JIMCH)	Kishoregonj	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)	Chattogram	February'13	Closed in Septemer'19
06.	Jashore General Hospital (Jashore)	Jashore	August'13	Ongoing
07.	Sher-e- Bangla Medical College Hospital (SBMCH)	Barishal	August'13	Ongoing
08.	Rangpur Medical College Hospital (RpMCH)	Rangpur	January'16	Ongoing
09.	Chattogram Medical College Hospital (CMCH)	Chattogram	Septemer'19	Ongoing

◆ Proportion of children aged <5 years hospitalized with acute gastroenteritis (AGE) with evidence of rotavirus infection during October 2025 by hospital

Hospital Name	Rotavirus		
	AGE*	Sampled	Positive (%)
RMCH	28	7	0(0.00)
JIMCH	24	6	1(16.67)
JRRMCH	12	3	2(66.67)
JGH	24	6	2(33.33)
SBMCH	96	24	18(75.00)
RpMCH	16	4	2(50.00)
CMCH	96	24	10(41.67)
Cumulative Total	296	74	35(47.30)

◆ Number of intussusception cases aged <2 years during October 2025 by hospital

Hospital Name	Intussusception confirmed***
RMCH	0
JIMCH	0
JRRMCH	0
JGH	1
SBMCH	0
RpMCH	2
CMCH	0
Cumulative Total	3

◆ Distribution of acute gastroenteritis (AGE) & rotavirus cases by age group during October 2025

Age group (in months)	Rotavirus		
	AGE (N=296)	Sampled (N=74)	Positive (%) (N=35)
0-5	37	10	4(40.00)
6-11	88	21	13(61.90)
12-17	82	22	11(50.00)
18-23	31	8	4(50.00)
24-59	58	13	3(23.08)
Cumulative Total	296	74	35(47.30)

*Acute Gastroenteritis (AGE)- ≥ 3 watery or looser than normal or ≥ 1 episode of forceful vomiting within a 24-hour period, with symptoms lasting ≤ 7 days. **Every 4th suspected case (in case of LAMB hospital every case). ***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).

◆ Distribution of intussusception cases by age group during October 2025

Age group (in months)	Intussusception confirmed
0-5	0
6-11	3
12-17	0
18-23	0
24-59	0
Cumulative Total	3

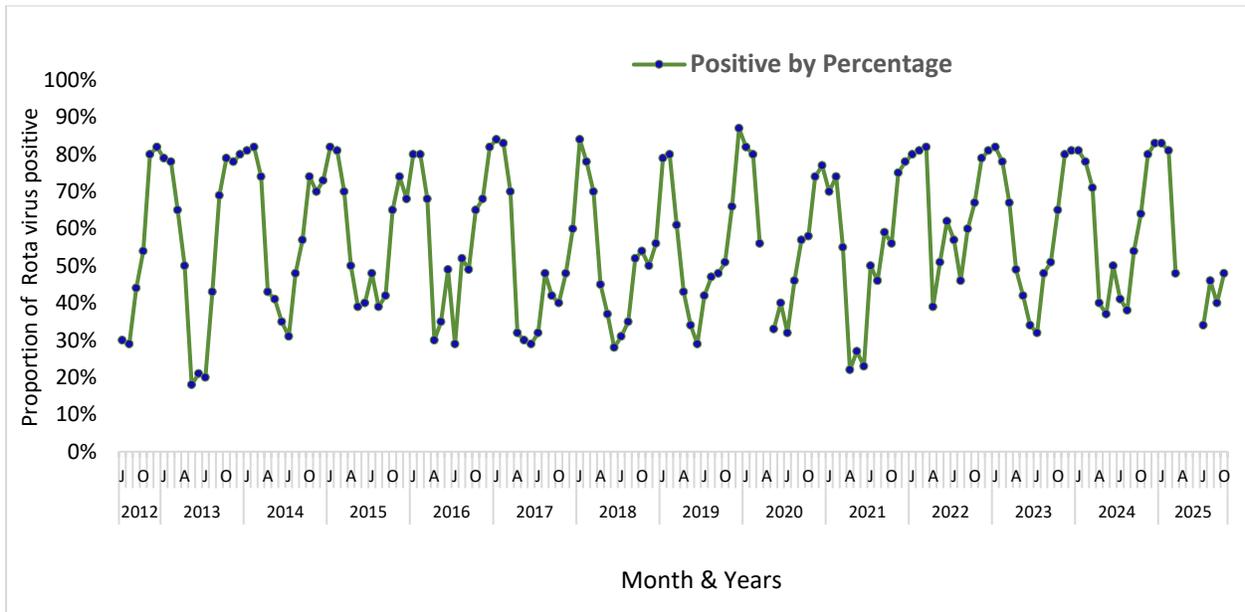
◆ Distribution of acute gastroenteritis (AGE) and rotavirus cases by sex during October 2025

Sex	AGE	Sampled	Positive (%)
Male	185	45	20(44.44)
Female	111	29	15(51.72)

◆ Distribution of intussusception cases by sex during October 2025

Sex	Intussusception confirmed
Male	2
Female	1

◆ Proportion of hospitalized acute gastroenteritis cases with evidence of rotavirus infection, by months and years



HBRIS activities has been postponed during the period of 1st April 2020 to 15th May 2020 due to Pandemic COVID-19 and 1st April 2025 to 30th June 2025.

◆ Number of children aged < 5 years with acute gastroenteritis (AGE) with evidence of rotavirus positivity by hospital (January '25 to October '25)

Hospital	RMCH		JIMCH		JRRMCH		JGH		SBMCH		RpMCH		CMCH		Total Cases		
	Sampled	Positive	Sampled	Positive	%												
Jan'25	25	18	20	16	12	10	20	16	30	27	33	28	39	33	179	148	82.68
Feb'25	20	17	16	12	9	7	16	14	28	22	25	20	31	25	145	117	80.68
Mar'25	16	5	12	3	7	3	6	2	16	12	10	5	22	13	89	43	48.31
Apr'25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May'25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun'25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul' 25	5	2	7	0	6	1	9	3	24	19	7	0	16	0	74	25	33.78
Aug'25	10	3	6	0	5	4	10	2	22	14	6	0	22	14	81	34	45.68
Sep'25	9	0	8	0	5	1	7	2	29	16	10	5	20	11	88	35	39.77
Oct'25	7	0	6	1	3	2	6	2	24	18	4	2	24	10	74	35	47.30
Total	82	45	75	32	47	28	74	41	163	128	95	60	174	106	730	437	59.86

◆ Proportion of children aged < 5 years with acute gastroenteritis (AGE) with evidence of rotavirus infection including number of deaths by hospital July'12 to October '25

Hospital Name	Rotavirus			
	AGE	Sampled	Positive (%)	Rotavirus associated deaths
RMCH	18332	4486	2695(60%)	3
JIMCH	10813	2695	1720(64%)	1
JRRMCH	9060	2246	1461(65%)	-
LAMB	178	142	95(63%)	1
BBMH	2155	532	335(63%)	-
JGH	7152	1798	1078(60%)	-
SBMCH	15430	3869	2497(65%)	-
RpMCH	6369	1589	949(60%)	-
CMCH	5512	1370	812(59%)	-
Cumulative Total	74990	18740	11227 (60%)	5**

** Last Rota associated death case was reported in 2015.

◆ Number of intussusception cases aged <2 years by hospital July'12 to October '25

Hospital Name	Intussusception confirmed
RMCH	294
JIMCH	35
JRRMCH	70
LAMB	-
BBMH	10
JGH	15
SBMCH	65
RpMCH	103
CMCH	263
Cumulative Total	893