



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

Monthly Report, December 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 December 2025 by hospital

Hospital Name	Rotavirus		
	AGE*	Sampled	Positive (%)
RMCH	92	23	19(82.61)
JIMCH	108	27	17(62.96)
JRRMCH	67	16	12(75.00)
JGH	62	16	12(75.00)
SBMCH	84	22	18(81.82)
RpMCH	68	17	16(94.12)
CMCH	80	20	19(95.00)
Cumulative Total	561	141	113(80.14)

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

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

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

Age group (in months)	Rotavirus		
	AGE (N=561)	Sampled (N=141)	Positive (%) (N=113)
0-5	51	13	13(100.00)
6-11	204	59	45(76.27)
12-17	184	49	38(77.55)
18-23	51	9	7(77.78)
24-59	70	11	10(90.91)
Cumulative Total	561	141	113(80.14)

*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 December 2025

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

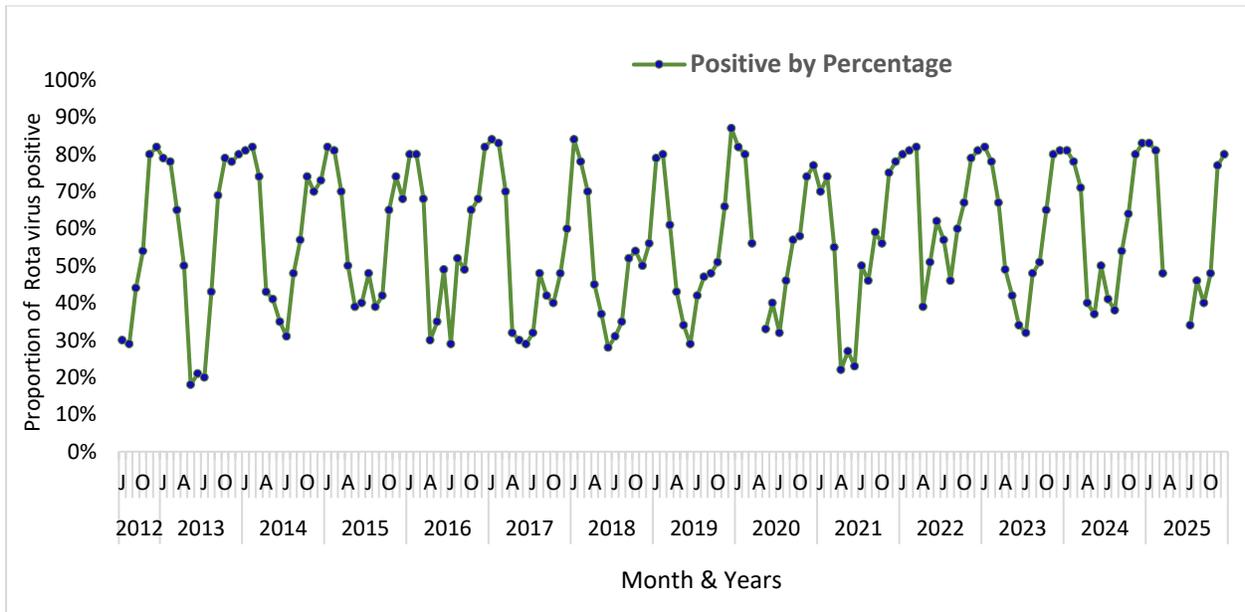
◆ Distribution of acute gastroenteritis (AGE) and rotavirus cases by sex during December 2025

Sex	AGE	Sampled	Positive (%)
Male	348	87	70(80.46)
Female	213	54	43(79.63)

◆ Distribution of intussusception cases by sex during December 2025

Sex	Intussusception confirmed
Male	0
Female	0

◆ 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 December '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
Nov'25	7	6	18	14	10	8	18	13	27	20	7	5	20	16	107	82	76.64
Dec'25	23	19	27	17	16	12	16	12	22	18	17	16	20	19	141	113	80.14
Total	112	70	120	63	73	48	108	66	212	156	119	81	214	141	978	632	64.62

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

Hospital Name	Rotavirus			
	AGE	Sampled	Positive (%)	Rotavirus associated deaths
RMCH	18453	4517	2720 (60%)	3
JIMCH	10993	2740	1751(64%)	1
JRRMCH	9170	2272	1481(65%)	-
LAMB	178	142	95(63%)	1
BBMH	2155	532	335(63%)	-
JGH	7286	1832	1103(60%)	-
SBMCH	15622	3919	2535(65%)	-
RpMCH	6465	1613	970 (60%)	-
CMCH	5672	1410	847(60%)	-
Cumulative Total	75985	18988	11422(60%)	5**

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

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

Hospital Name	Intussusception confirmed
RMCH	294
JIMCH	35
JRRMCH	70
LAMB	-
BBMH	10
JGH	16
SBMCH	65
RpMCH	103
CMCH	263
Cumulative Total	894