Hospital Based Rotavirus & Intussusception Surveillance in Bangladesh
(HBRIS)
Monthly Report, February 2017

☞ 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 February 2017 , by hospital

Hospital name	Rotavirus			Intussusception confirmed[⌖]
	AGE[¶]	Sampled[Ŧ]	Positive (%)	
RMCH	372	93	82(88%)	-
JIMCH	156	39	29(74%)	02
JRRMCH	127	31	26(84%)	01
BBMH	12	03	03(100%)	-
JGH	121	31	26(84%)	-
SBMCH	174	43	34(79%)	03
RpMCH	220	55	49(89%)	03
Cumulative Total	1,182	295	249(84%)	09

☞ Distribution of acute gastroenteritis (AGE), rotavirus and intussusception cases, by age group and sex, February 2017

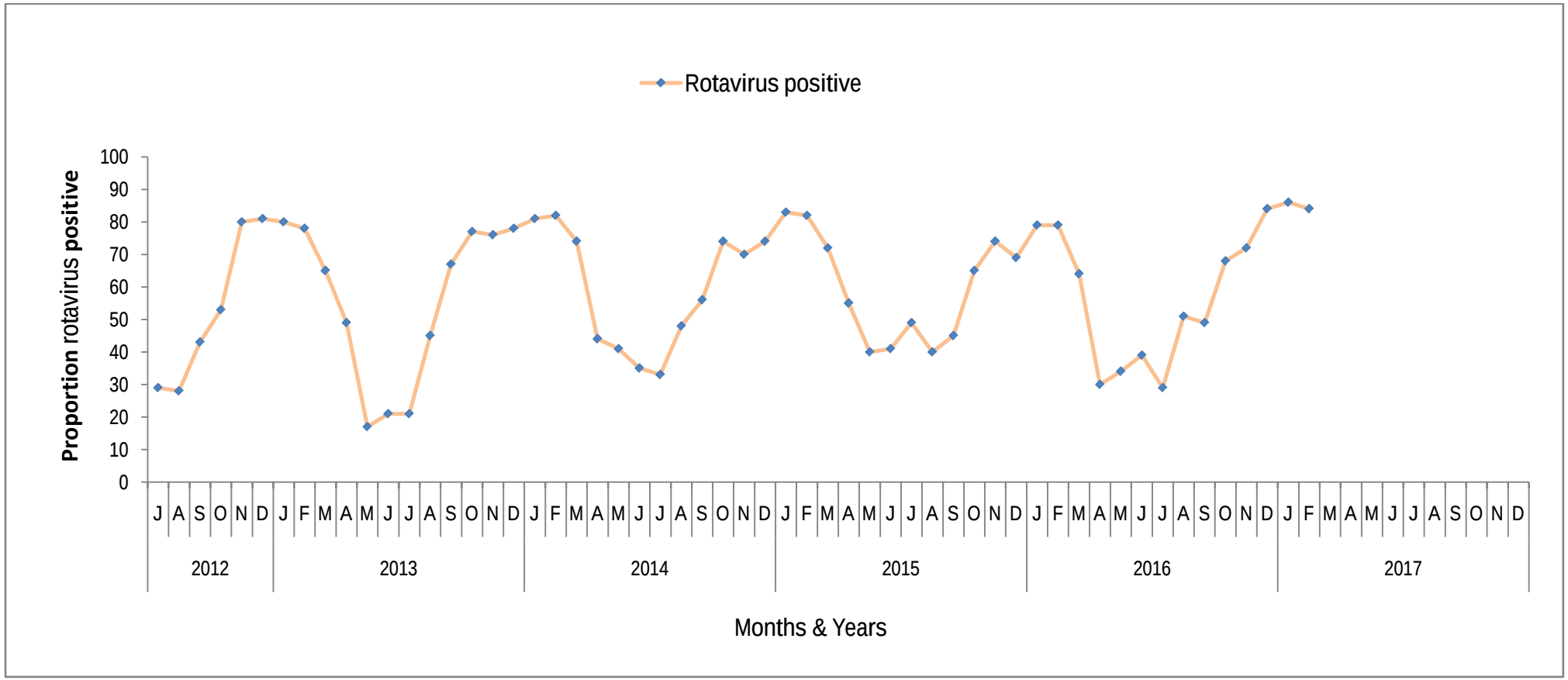
	Rotavirus			Intussusception confirmed *N=09*
	AGE *N=1,182*	Sampled *N=295*	Positive (%) *N=249*	
Age groups(in months)				
0-5	98	26	18(69%)	01
6-11	470	144	122(85%)	04
12-17	361	87	80(92%)	03
18-23	123	21	16(76%)	01
24-59	130	17	13(76%)	-
Male sex	777	185	159(86%)	05(56%)

¶ 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- February'17

Hospital name	Rotavirus				Intussusception confirmed
	AGE	Sampled	Positive (%)	Rotavirus associated deaths	
RMCH	8,253	2,058	1,292(63%)	03	101
JIMCH	4,288	1,071	736(69%)	01	14
JRRMCH	4,927	1,225	811(66%)	-	34
LAMB	178	142	89(63%)	01	-
BBMH	1,557	385	256(66%)	-	05
JGH	2,295	567	325(57%)	-	-
SBMCH	5,380	1,343	897(67%)	-	23
RpMCH	858	211	153(73%)		06
Cumulative Total	27,736	7,002	4,559(65%)	05	183