



# Monthly Summary Report

National Influenza Surveillance, Bangladesh  
(NISB)



September 2023

Institute of Epidemiology, Disease Control & Research (IEDCR)  
National Influenza Centre (NIC)



IEDCR

**National Influenza Surveillance, Bangladesh (NISB)**  
**Sentinel Site Wise Influenza like illness (ILI) Lab Results**  
**September 2023**

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09, VIC	H3, VIC	H1pd m09, H3	B/Vic	B/Y ama
Thakurgaon (TDH)	43	24	55.81	16	7	1	0	6	10	0	0	0	0	0	1	7	0
Naogaon (NDH)	47	16	34.04	6	10	0	0	2	4	0	0	0	0	0	0	10	0
Satkhira (SDH)	58	08	13.79	8	0	0	0	0	8	0	0	0	0	0	0	0	0
Narshingdi (NDH)	47	16	34.04	15	0	1	0	10	5	0	0	0	0	1	0	0	0
Habiganj (HDH)	45	14	31.11	10	4	0	0	7	3	0	0	0	0	0	0	4	0
Cox's Bazar (CDH)	51	01	1.96	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Joypurhat (JDH)	67	26	38.81	17	8	1	0	5	12	0	0	0	1	0	0	8	0
DMCH (DMC)	54	04	7.41	4	0	0	0	3	1	0	0	0	0	0	0	0	0
Patuakhali (PDH)	78	19	24.36	13	5	1	0	8	5	0	0	0	1	0	0	5	0
Gazipur (GMCH)	55	15	27.27	10	4	1	0	3	7	0	0	0	1	0	0	4	0
<b>Total</b>	<b>545</b>	<b>143</b>	<b>26.24</b>	<b>99</b>	<b>39</b>	<b>5</b>	<b>0</b>	<b>44</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>39</b>	<b>0</b>

**National Influenza Surveillance, Bangladesh (NISB)**  
**Sentinel Site wise severe acute respiratory infections (SARI) Lab Results**  
**September 2023**

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09, VIC	H3, VIC	H1pd m09, H3	B/Vic	B/Y ama
Thakurgaon (TDH)	39	9	23.08	6	2	1	0	4	2	0	0	0	0	1	0	2	0
Naogaon (NDH)	42	3	7.14	3	0	0	0	1	2	0	0	0	0	0	0	0	0
Satkhira (SDH)	41	2	4.88	1	1	0	0	0	1	0	0	0	0	0	0	1	0
Narshingdi (NDH)	35	9	25.71	9	0	0	0	3	6	0	0	0	0	0	0	0	0
Habiganj (HDH)	44	14	31.82	9	5	0	0	3	6	0	0	0	0	0	0	5	0
Cox's Bazar (CDH)	48	3	6.25	2	1	0	0	1	1	0	0	0	0	0	0	1	0
Joypurhat (JDH)	45	5	11.11	2	3	0	0	1	1	0	0	0	0	0	0	3	0
DMCH (DMC)	48	2	4.17	2	0	0	0	1	1	0	0	0	0	0	0	0	0
Patuakhali (PDH)	45	5	11.11	3	2	0	0	1	2	0	0	0	0	0	0	2	0
Gazipur (GMCH)	44	8	18.18	6	1	1	0	4	2	0	0	0	1	0	0	1	0
<b>Total</b>	<b>431</b>	<b>60</b>	<b>13.92</b>	<b>43</b>	<b>15</b>	<b>2</b>	<b>0</b>	<b>19</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>0</b>

**National Influenza Surveillance, Bangladesh (NISB)**  
**Monthly Enrolment by Different Age Groups**  
**September 2023**

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	76	14	18.42	0	0.00	127	10	7.87	0	0.00
1 to <5	199	51	25.63	1	0.50	111	22	19.82	0	0.00
5 to <15	160	57	35.63	0	0.00	58	13	22.41	0	0.00
15 to<25	35	9	25.71	0	0.00	30	5	16.67	0	0.00
25 to<40	29	5	17.24	0	0.00	42	3	7.14	0	0.00
40 to<60	27	5	18.52	0	0.00	30	4	13.33	0	0.00
≥60	19	2	10.53	0	0.00	33	3	9.09	0	0.00
<b>Total</b>	545	143	26.24	1	0.18	431	60	13.92	00	0.00

**National Influenza Surveillance, Bangladesh (NISB)**  
**Sentinel Site wise Influenza Lab Results (ILI & SARI)**  
**October 2022 – September 2023**

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pdm09	AH5	AH3v	AH7	H1pd m09+ H3,VI C	H1pd m09, H3	H1pd m09, VIC	H3, VIC	B/Vic	B/Yama
Thakurgaon (TDH)	1078	107	9.93	38	67	2	0	20	18	0	0	0	0	1	0	1	67	0
Naogaon (NDH)	1070	85	7.94	28	56	1	0	18	10	0	0	0	0	0	0	1	56	0
Satkhira (SDH)	1079	86	7.97	55	30	1	0	37	18	0	0	0	0	0	0	1	30	0
Narshingdi (NDH)	1077	86	7.99	51	30	5	0	34	17	0	0	0	2	0	1	2	30	0
Habiganj (HDH)	1059	109	10.29	52	54	3	0	32	20	0	0	0	0	0	1	2	54	0
Cox's Bazar (CDH)	1071	61	5.70	33	28	0	0	31	2	0	0	0	0	0	0	0	28	0
Joypurhat (JDH)	1168	95	8.13	39	54	2	0	19	20	0	0	0	0	0	2	0	54	0
DMCH (DMC)	1100	56	5.09	31	23	2	0	16	15	0	0	0	0	0	0	2	23	0
Patuakhali (PDH)	1204	107	8.89	44	60	3	0	32	12	0	0	0	0	0	1	2	60	0
Gazipur (GMCH)	1113	76	6.83	47	27	2	0	21	26	0	0	0	0	0	2	0	27	0
<b>Total</b>	<b>11019</b>	<b>868</b>	<b>7.88</b>	<b>418</b>	<b>429</b>	<b>21</b>	<b>0</b>	<b>260</b>	<b>158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>11</b>	<b>429</b>	<b>0</b>

## National Influenza Surveillance, Bangladesh (NISB)

### COVID-19 Lab Results of ILI & SARI

October 2022 – September 2023

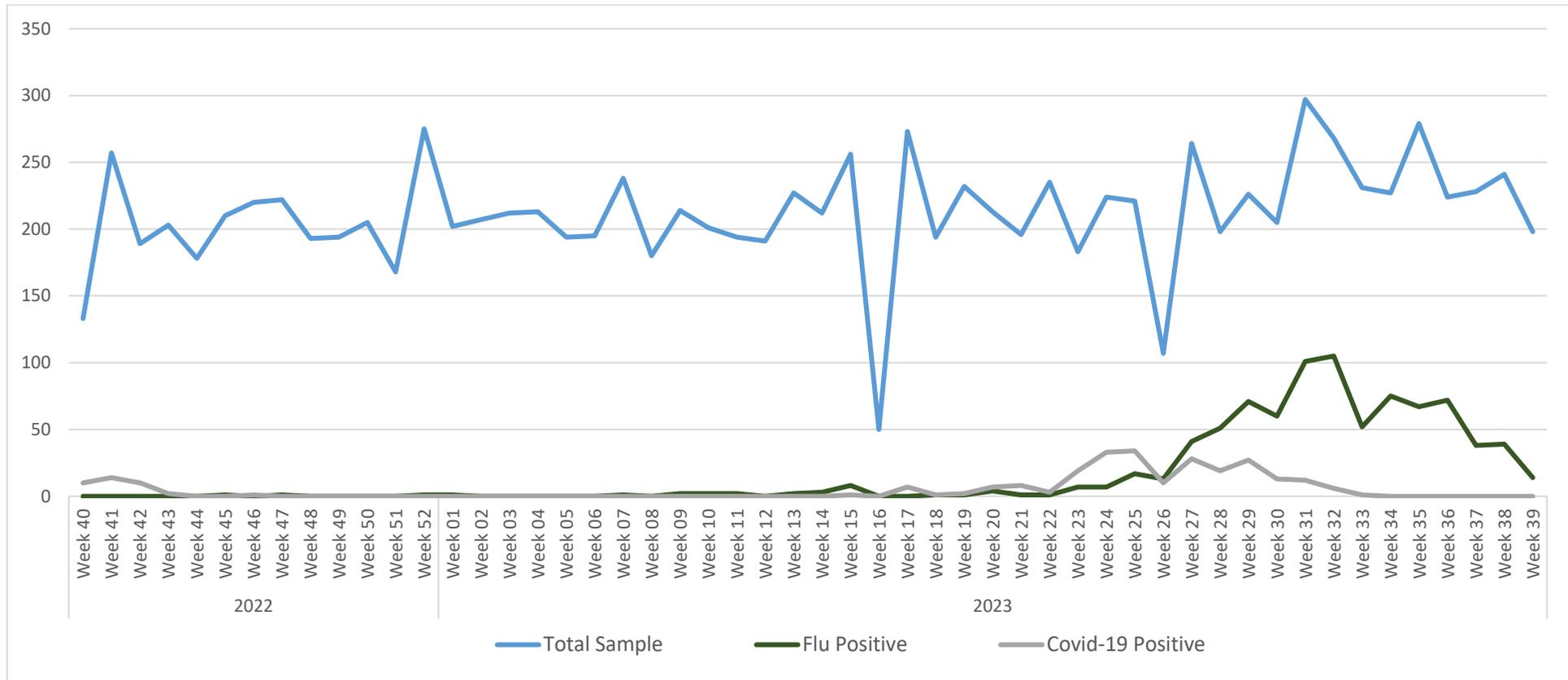
District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	545	19	3.49	533	12	2.25
Naogaon (NDH)	550	9	1.64	520	11	2.12
Satkhira (SDH)	568	14	2.46	511	7	1.37
Narshingdi (NDH)	569	11	1.93	508	6	1.18
Habiganj (HDH)	525	26	4.95	534	18	3.37
Cox's Bazar (CDH)	540	25	4.63	531	14	2.64
Joypurhat (JDH)	610	17	2.79	558	14	2.51
DMCH (DMC)	570	8	1.40	530	17	3.21
Patuakhali (PDH)	655	23	3.51	549	10	1.82
Gazipur (GMCH)	576	13	2.26	537	4	0.74
<b>Total</b>	5708	165	2.89	5311	113	2.13

**National Influenza Surveillance, Bangladesh (NISB)**  
**Influenza Lab & Covid-19 Results by Different Age Groups**  
**October 2022 – September 2023**

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1161	56	4.82	27	2.33	1595	35	2.19	30	1.88
1 to <5	1786	227	12.71	35	1.96	1122	89	7.93	22	1.96
5 to <15	1017	191	18.78	33	3.24	562	52	9.25	9	1.60
15 to<25	508	59	11.61	28	5.51	396	26	6.57	8	2.02
25 to<40	520	45	8.65	20	3.85	470	21	4.47	15	3.19
40 to<60	414	22	5.31	15	3.62	562	18	3.20	15	2.67
≥60	302	10	3.31	7	2.32	604	17	2.81	14	2.32
<b>Total</b>	5708	610	10.69	165	2.89	5311	258	4.86	113	2.13



**National Influenza Surveillance, Bangladesh (NISB)**  
**Influenza & Covid-19 Seasonality Graph (Weekly)**  
**Week 40 (2022) - Week 39 (2023)**



**Sentinel Site wise Influenza Lab Results (ILI & SARI)  
Surveillance Initiation – September 2023**

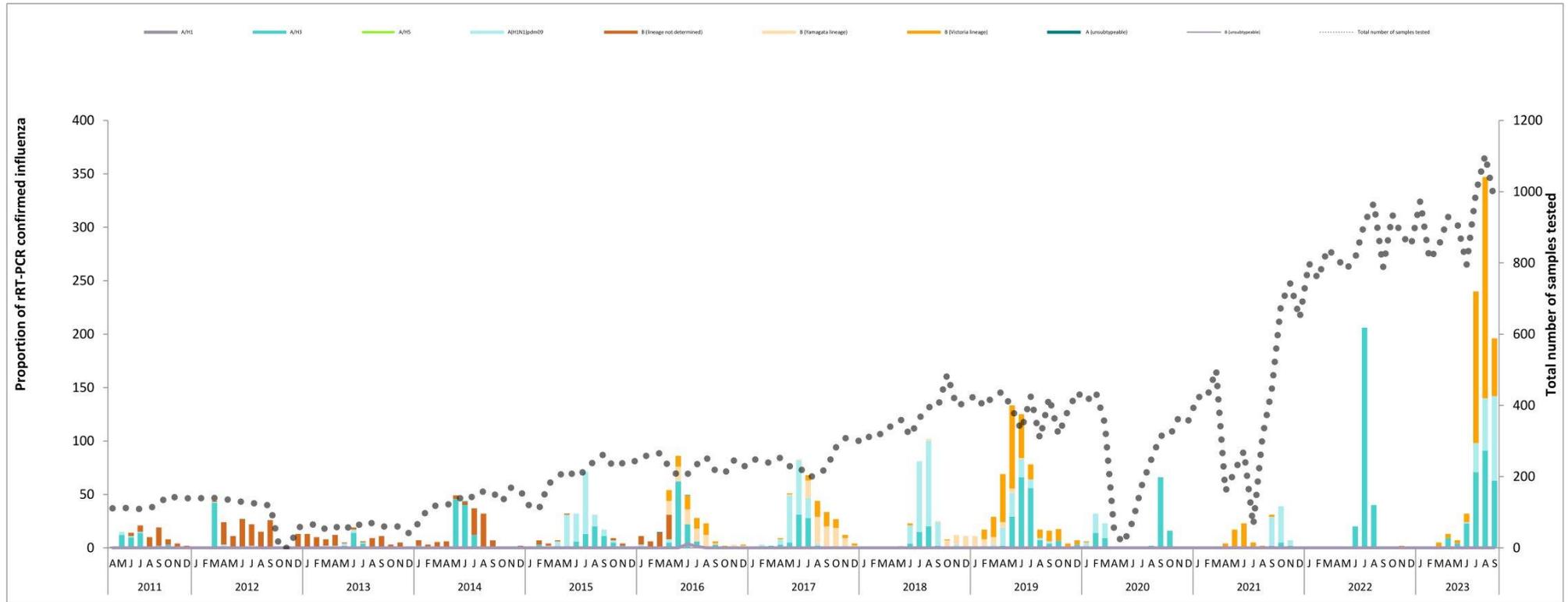
District (Site)		Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	H1pd m09+ H3,VI C	H1pd m09+ VIC	H3, VIC	B/Vic	B/Y ama
Thakurgaon(TDH)	April-2010	4813	476	9.89	265	208	3	1	164	100	0	0	0	3	0	0	1	119	20	
Gaibandha*( GDH)	April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0	0	0	0	
Naogaon (NDH)	April-2010	5041	361	7.16	174	184	3	1	107	68	0	0	0	2	0	0	1	107	27	
Sirajganj* (SDH)	April-2010	283	38	13.43	14	24	0	0	12	2	0	0	0	0	0	0	0	0	0	
Kushtia* (KDH)	April-2010	157	17	10.83	4	13	0	0	1	3	0	0	0	0	0	0	0	0	0	
Satkhira (SDH)	April-2010	4572	290	6.34	197	92	1	0	125	72	0	0	0	1	0	0	1	55	4	
Netrokona* (NDH)	April-2010	268	32	11.94	15	17	0	0	11	4	0	0	0	0	0	0	0	0	0	
Narshindi (NDH)	April-2010	5035	330	6.55	204	123	3	1	109	92	0	0	0	0	2	1	2	77	16	
Faridpur* (FDH)	April-2010	290	34	11.72	11	23	0	0	6	5	0	0	0	0	0	0	0	0	0	
Habiganj (HDH)	April-2010	5637	413	7.33	260	152	1	0	147	110	0	0	0	0	0	1	2	95	17	
Jhalokathi* (JDH)	April-2010	280	40	14.29	9	31	0	0	7	2	0	0	0	0	0	0	0	0	0	
Feni* (FDH)	April-2010	284	37	13.03	19	18	0	1	13	5	0	0	0	0	0	0	0	0	0	
Rangamati* (RDH)	April-2010	256	39	15.23	17	22	0	1	9	7	0	0	0	0	0	0	0	0	0	
Cox's Bazar (CDH)	April-2010	4549	318	6.99	211	106	1	0	136	73	0	0	0	1	0	0	0	43	14	
Joypurhat (JDH)	April-2014	4231	277	6.55	148	127	2	0	82	66	0	0	0	0	0	2	0	94	15	
Patuakhali (PDH)	April-2014	5071	351	6.92	220	125	6	0	108	68	0	0	0	3	0	1	2	95	14	
DMCH (DMC)	Jan-2015	4378	224	5.12	148	74	2	0	97	93	0	0	0	0	0	0	2	74	9	
Gazipur (GMCH)	Aug-2015	4429	361	8.15	233	126	2	0	157	75	0	0	0	0	0	2	0	100	26	
Total			49763	3659	07.35	2158	1477	24	5	1297	848	0	0	0	10	2	7	11	859	162

\*Surveillance Sites have been closed

# National Influenza Surveillance, Bangladesh (NISB)

## Influenza Seasonality Graph

### April 2011 – September 2023



#### Summary: September 2023

- Weekly Sample Transportation: Done
- Total Sample Collected ILI: 545 SARI: 431
- Total flu positive: 203
- Flu positivity: 20.79%
- Total Covid-19 Positive: 1
- Covid-19 Positivity: 00.11%