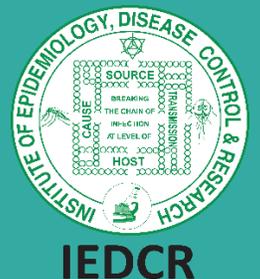# Monthly Summary Report

National Influenza Surveillance, Bangladesh (NISB)

November 2022

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
November 2022

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pdm09	AH5	AH3v	AH7	H1pdm09+H3	B/Vic	B/Yama
Thakurgaon (TDH)	41	1	2.44	0	1	0	0	0	0	0	0	0	0	1	0
Naogaon (NDH)	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Satkhira (SDH)	46	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Narshingdi (NDH)	49	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Habiganj (HDH)	45	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	46	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Joypurhat (JDH)	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
DMCH (DMC)	43	1	2.33	0	1	0	0	0	0	0	0	0	0	1	0
Patuakhali (PDH)	45	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gazipur (GMCH)	42	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Total	443	02	0.45	0	2	0	0	0	0	0	0	0	0	2	0

National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise severe acute respiratory infections (SARI) Lab Results
November 2022

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pdm09	AH5	AH3v	AH7	H1pdm09+H3	B/Vic	B/Yama
Thakurgaon (TDH)	46	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Naogaon (NDH)	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Satkhira (SDH)	42	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Narshingdi (NDH)	44	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Habiganj (HDH)	47	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	44	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Joypurhat (JDH)	41	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
DMCH (DMC)	41	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Patuakhali (PDH)	46	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gazipur (GMCH)	41	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Total	435	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0

National Influenza Surveillance, Bangladesh (NISB)
Monthly Enrolment by Different Age Groups
November 2022

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	89	0	0.00	0	0.00	135	0	0.00	0	0.00
1 to <5	136	2	1.47	0	0.00	80	0	0.00	0	0.00
5 to <15	46	0	0.00	0	0.00	24	0	0.00	0	0.00
15 to<25	44	0	0.00	0	0.00	35	0	0.00	0	0.00
25 to<40	51	0	0.00	1	1.96	50	0	0.00	0	0.00
40 to<60	37	0	0.00	0	0.00	52	0	0.00	0	0.00
≥60	40	0	0.00	1	2.5	59	0	0.00	0	0.00
Total	443	2	0.45	2	0.45	435	0	0.00	0	0.00

National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise Influenza Lab Results (ILI & SARI)
December 2021 – November 2022

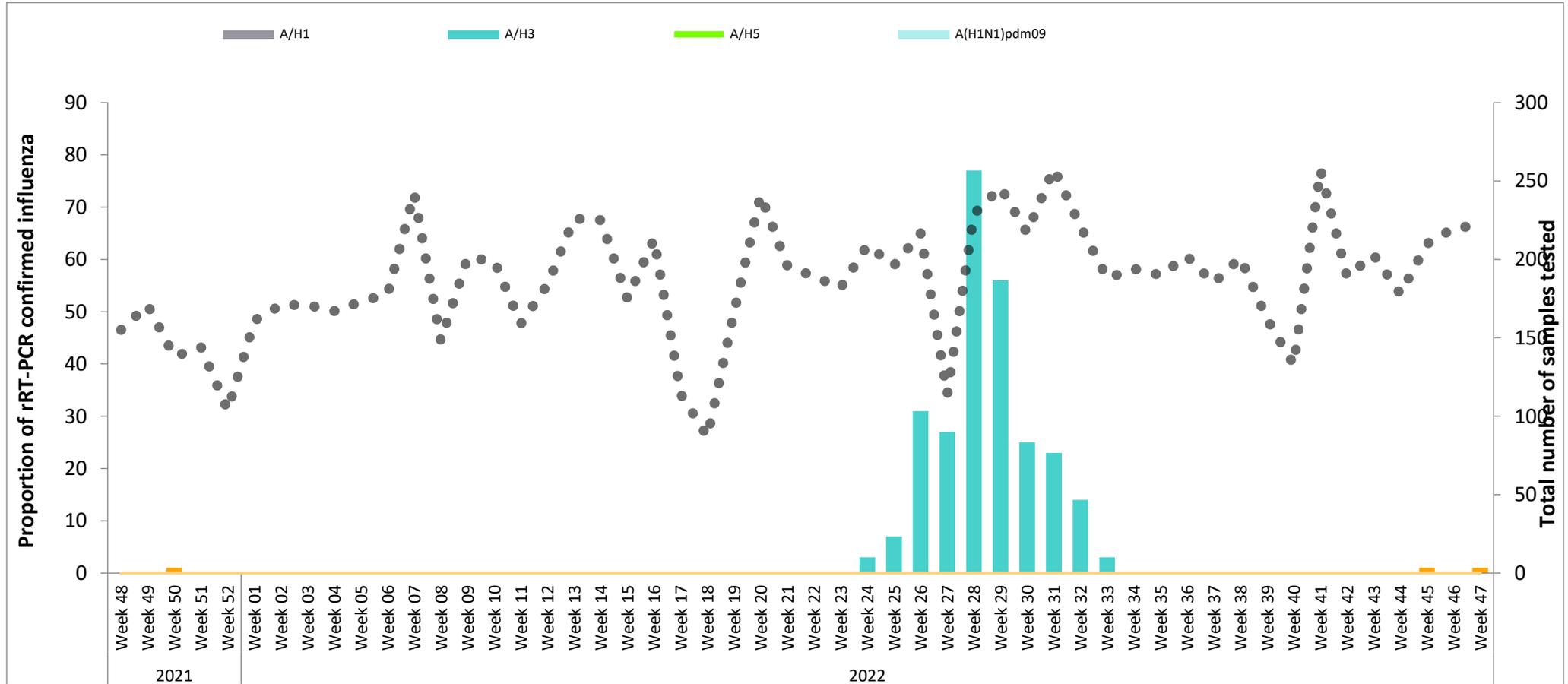| District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pdm09	AH5	AH3v	AH7	H1pdm09+H3	B/Vic	B/Yama
Thakurgaon (TDH)	976	48	4.92	47	1	0	0	47	0	0	0	0	0	1	0
Naogaon (NDH)	938	16	1.71	16	0	0	0	16	0	0	0	0	0	0	0
Satkhira (SDH)	926	45	4.86	45	0	0	0	45	0	0	0	0	0	0	0
Narshingdi (NDH)	1036	17	1.64	17	0	0	0	17	0	0	0	0	0	0	0
Habiganj (HDH)	1024	37	3.61	36	1	0	0	36	0	0	0	0	0	1	0
Cox's Bazar (CDH)	958	18	1.88	18	0	0	0	18	0	0	0	0	0	0	0
Joypurhat (JDH)	921	16	1.74	16	0	0	0	16	0	0	0	0	0	0	0
DMCH (DMC)	1031	16	1.55	15	1	0	0	15	0	0	0	0	0	1	0
Patuakhali (PDH)	1044	30	2.87	30	0	0	0	30	0	0	0	0	0	0	0
Gazipur (GMCH)	1058	27	2.55	27	0	0	0	27	0	0	0	0	0	0	0
Total	9912	270	2.72	267	03	0	0	267	0	0	0	0	0	3	0

National Influenza Surveillance, Bangladesh (NISB)
COVID-19 Lab Results of ILI & SARI
December 2021 – November 2022

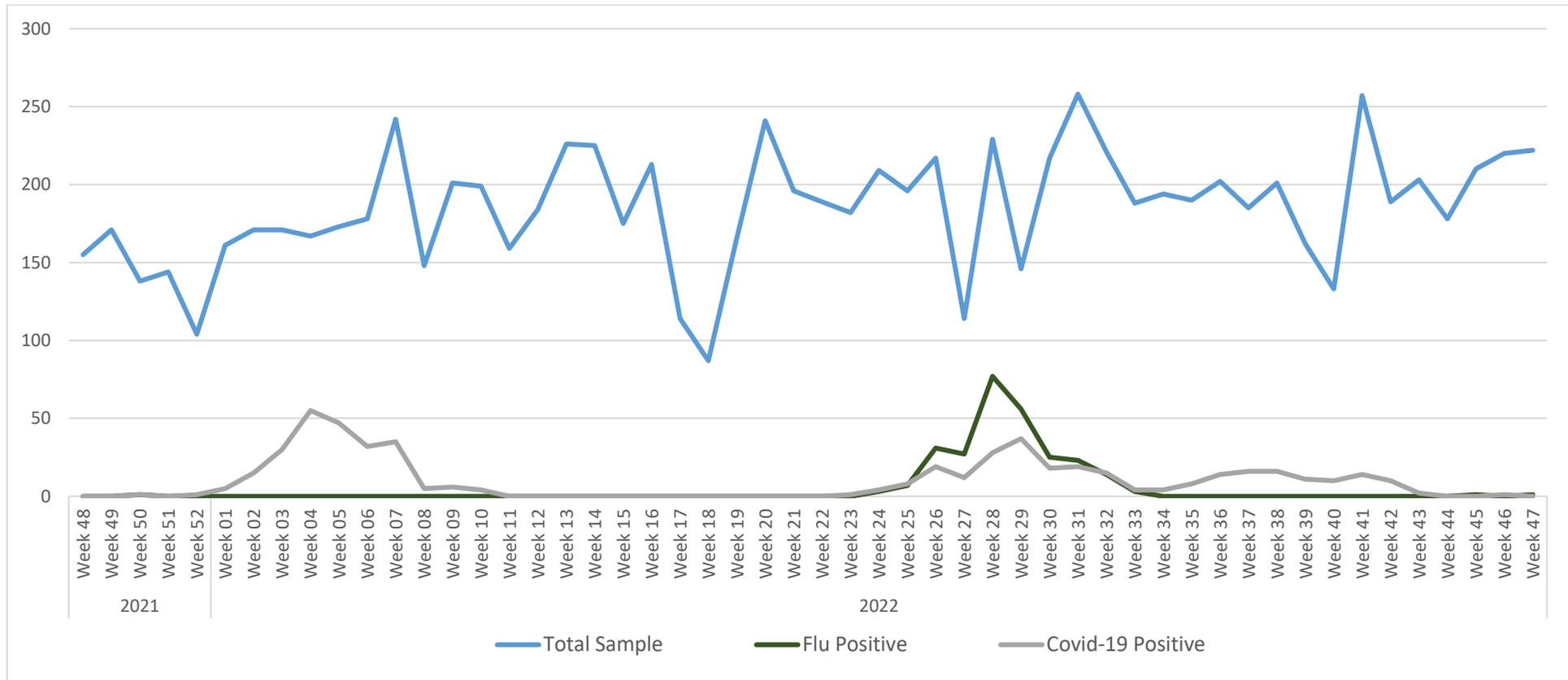| District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	542	37	6.83	434	19	4.38
Naogaon (NDH)	485	23	4.74	453	20	4.42
Satkhira (SDH)	500	33	6.60	426	19	4.46
Narshingdi (NDH)	555	30	5.41	481	13	2.70
Habiganj (HDH)	513	53	10.33	511	31	6.07
Cox's Bazar (CDH)	482	47	9.75	476	15	3.15
Joypurhat (JDH)	470	16	3.40	451	13	2.88
Patuakhali (PDH)	520	36	6.92	524	30	5.73
DMCH (DMC)	528	16	3.03	503	13	2.58
Gazipur (GMCH)	531	26	4.90	527	19	3.61
Total	5126	317	6.18	4786	192	4.01

National Influenza Surveillance, Bangladesh (NISB)
Influenza Lab & Covid-19 Results by Different Age Groups
December 2021 – November 2022

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	798	16	2.01	22	2.76	1220	16	1.31	30	2.46
1 to <5	1294	43	3.32	36	2.78	1077	28	2.60	24	2.23
5 to <15	691	14	2.03	30	4.34	439	13	2.96	15	3.42
15 to<25	608	27	4.44	58	9.54	393	8	2.04	19	4.83
25 to<40	817	35	4.28	91	11.14	450	13	2.89	34	7.56
40 to<60	564	21	3.72	58	10.28	593	9	1.52	39	6.58
≥60	354	9	2.54	22	6.21	614	18	2.93	31	5.05
Total	5126	165	3.22	317	6.18	4786	105	2.19	192	4.01

National Influenza Surveillance, Bangladesh (NISB)
Influenza Seasonality Graph (Weekly)
Week 48 (2021) - Week 47 (2022)

National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 48 (2021) - Week 47 (2022)

Sentinel Site wise Influenza Lab Results (ILI & SARI)
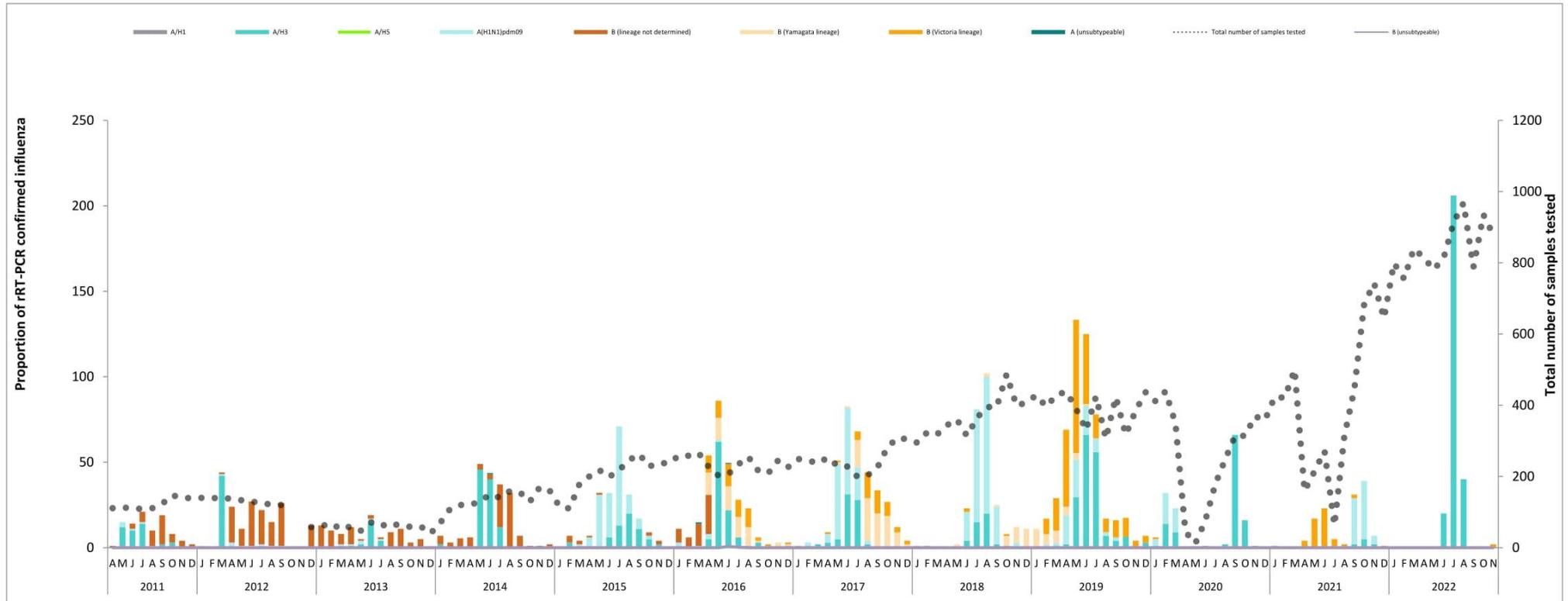## Surveillance Initiation – November 2022

District (Site)	Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pdm09	AH5	AH3v	AH7	H1pdm09+H3	B/Vic	B/Yama
Thakurgaon(TDH)	April-2010	3927	371	9.45	226	143	2	1	144	82	0	0	0	2	54	20
Gaibandha*(GDH)	April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0
Naogaon (NDH)	April-2010	4155	276	6.64	145	129	2	1	88	58	0	0	0	2	52	27
Sirajganj* (SDH)	April-2010	283	38	13.43	14	24	0	0	12	2	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
Satkhira (SDH)	April-2010	3669	204	5.56	141	62	1	0	88	54	0	0	0	1	25	4
Netrokona* (NDH)	April-2010	268	32	11.94	15	17	0	0	11	4	0	0	0	0	0	0
Narshindi (NDH)	April-2010	4140	244	5.89	151	93	0	1	75	75	0	0	0	0	47	16
Faridpur* (FDH)	April-2010	290	34	11.72	11	23	0	0	6	5	0	0	0	0	0	0
Habigang (HDH)	April-2010	4762	305	6.40	206	99	0	0	115	90	0	0	0	0	42	17
Jhalokathi* (JDH)	April-2010	280	40	14.29	9	31	0	0	7	2	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
Rangamati* (RDH)	April-2010	256	39	15.23	17	22	0	1	9	7	0	0	0	0	0	0
Cox's Bazar (CDH)	April-2010	3659	257	7.02	178	78	1	0	105	71	0	0	0	1	15	14
Joypurhat (JDH)	April-2014	3250	182	5.60	109	73	0	0	63	46	0	0	0	0	40	15
Patuakhali (PDH)	April-2014	4055	244	6.02	176	65	3	0	76	56	0	0	0	3	35	14
DMCH (DMC)	Jan-2015	3457	169	4.89	117	52	0	0	81	78	0	0	0	0	52	9
Gazipur (GMCH)	Aug-2015	3502	285	8.14	186	99	0	0	136	49	0	0	0	0	73	26
Total		40583	2795	06.89	3424	1053	9	5	1036	690	0	0	0	9	435	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)
Influenza Seasonality Graph
April 2011 – November 2022

Summary: November 2022

- **Weekly Sample Transportation: Done**
- **Total Sample Collected ILI: 443 SARI: 435**
- **Total flu positive: 02**
- **Flu positivity: 00.23%**
- **Total Covid-19 Positive: 02**
- **Covid-19 Positivity: 00.23%**