



Monthly Summary Report

National Influenza Surveillance, Bangladesh
(NISB)



May 2023

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



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

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	B/Vic	B/Ya ma
Thakurgaon (TDH)	45	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Naogaon (NDH)	46	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)	46	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Habiganj (HDH)	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	45	3	6.67	3	0	0	0	3	0	0	0	0	0	0	0
Joypurhat (JDH)	51	1	1.96	0	1	0	0	0	0	0	0	0	0	1	0
DMCH (DMC)	45	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Patuakhali (PDH)	47	1	2.13	0	1	0	0	0	0	0	0	0	0	1	0
Gazipur (GMCH)	48	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Total	458	5	1.09	3	2	0	0	3	0	0	0	0	0	2	0

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

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	B/Vic	B/Yama
Thakurgaon (TDH)	45	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Naogaon (NDH)	45	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)	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Habiganj (HDH)	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	44	1	2.27	1	0	0	0	1	0	0	0	0	0	0	0
Joypurhat (JDH)	52	1	1.92	0	1	0	0	0	0	0	0	0	0	1	0
DMCH (DMC)	44	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Patuakhali (PDH)	48	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gazipur (GMCH)	47	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Total	453	2	0.44	1	1	0	0	1	0	0	0	0	0	1	0

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

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	90	2	2.22	1	1.11	119	1	0.84	1	0.84
1 to <5	135	1	0.74	2	1.48	106	0	0.00	0	0.00
5 to <15	96	1	1.04	6	6.25	52	0	0.00	1	1.92
15 to<25	34	0	0.00	4	11.76	32	0	0.00	0	0.00
25 to<40	33	0	0.00	2	6.06	37	0	0.00	0	0.00
40 to<60	34	0	0.00	0	0.00	48	0	0.00	0	0.00
≥60	36	1	2.78	1	2.78	59	1	1.69	2	3.39
Total	458	5	1.09	16	3.49	453	2	0.44	4	0.88

National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise Influenza Lab Results (ILI & SARI)
June 2022 – May 2023

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	B/Vic	B/Yama
Thakurgaon (TDH)	1087	51	4.69	47	4	0	0	47	0	0	0	0	0	4	0
Naogaon (NDH)	1039	17	1.64	17	0	0	0	17	0	0	0	0	0	0	0
Satkhira (SDH)	1041	52	5.00	52	0	0	0	51	1	0	0	0	0	0	0
Narshingdi (NDH)	1079	18	1.67	17	1	0	0	17	0	0	0	0	0	1	0
Habiganj (HDH)	1044	40	3.83	36	4	0	0	36	0	0	0	0	0	4	0
Cox's Bazar (CDH)	1033	24	2.32	23	1	0	0	23	0	0	0	0	0	1	0
Joypurhat (JDH)	1065	19	1.78	16	3	0	0	16	0	0	0	0	0	3	0
DMCH (DMC)	1051	17	1.62	16	1	0	0	16	0	0	0	0	0	1	0
Patuakhali (PDH)	1086	31	2.85	30	1	0	0	30	0	0	0	0	0	1	0
Gazipur (GMCH)	1103	29	2.63	28	1	0	0	27	1	0	0	0	0	1	0
Total	10628	298	2.80	282	16	0	0	280	2	0	0	0	0	16	0

National Influenza Surveillance, Bangladesh (NISB)
COVID-19 Lab Results of ILI & SARI
June 2022 – May 2023

District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	557	21	3.77	530	10	1.89
Naogaon (NDH)	524	14	2.67	515	12	2.33
Satkhira (SDH)	545	22	4.04	496	14	2.82
Narshingdi (NDH)	588	15	2.55	491	06	1.22
Habiganj (HDH)	522	27	5.17	522	19	3.64
Cox's Bazar (CDH)	516	33	6.40	517	14	2.71
Joypurhat (JDH)	532	10	1.88	533	12	2.25
Patuakhali (PDH)	537	22	4.10	514	14	2.72
DMCH (DMC)	543	04	0.74	543	09	1.66
Gazipur (GMCH)	555	15	2.70	548	09	1.64
Total	5419	183	3.38	5209	119	2.28

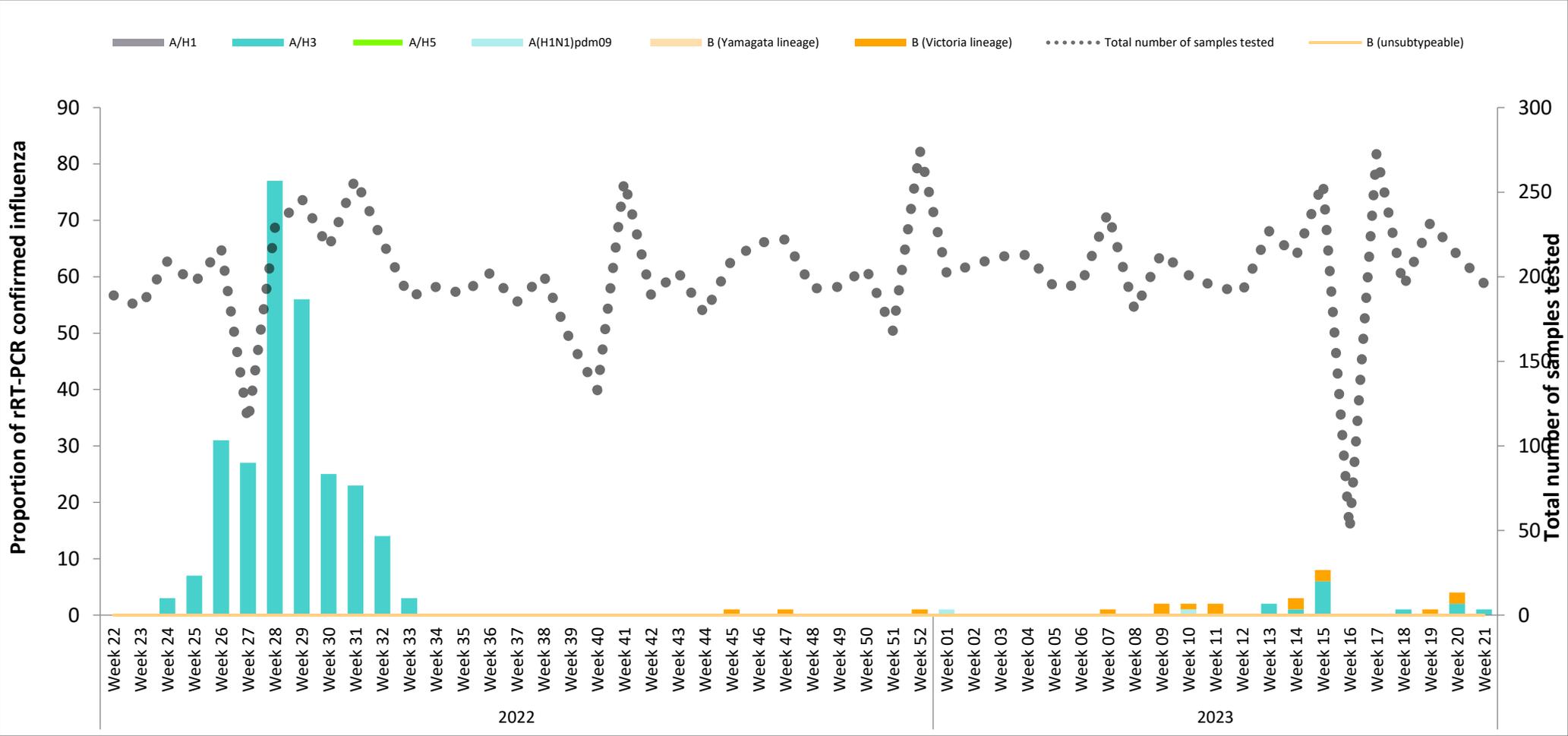
National Influenza Surveillance, Bangladesh (NISB)
Influenza Lab & Covid-19 Results by Different Age Groups
June 2022 – May 2023

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1156	20	1.73	15	1.30	1582	17	1.07	22	1.39
1 to <5	1577	51	3.23	30	1.90	1113	32	2.88	12	1.08
5 to <15	736	17	2.31	18	2.45	466	13	2.79	09	1.93
15 to<25	532	29	5.45	36	6.77	383	9	2.35	13	3.39
25 to<40	640	35	5.47	51	7.97	464	14	3.02	20	4.31
40 to<60	446	22	4.93	23	5.16	565	9	1.59	19	3.36
≥60	332	10	3.01	10	3.01	636	20	3.14	24	3.77
Total	5419	184	3.40	183	3.38	5209	114	2.19	119	2.28

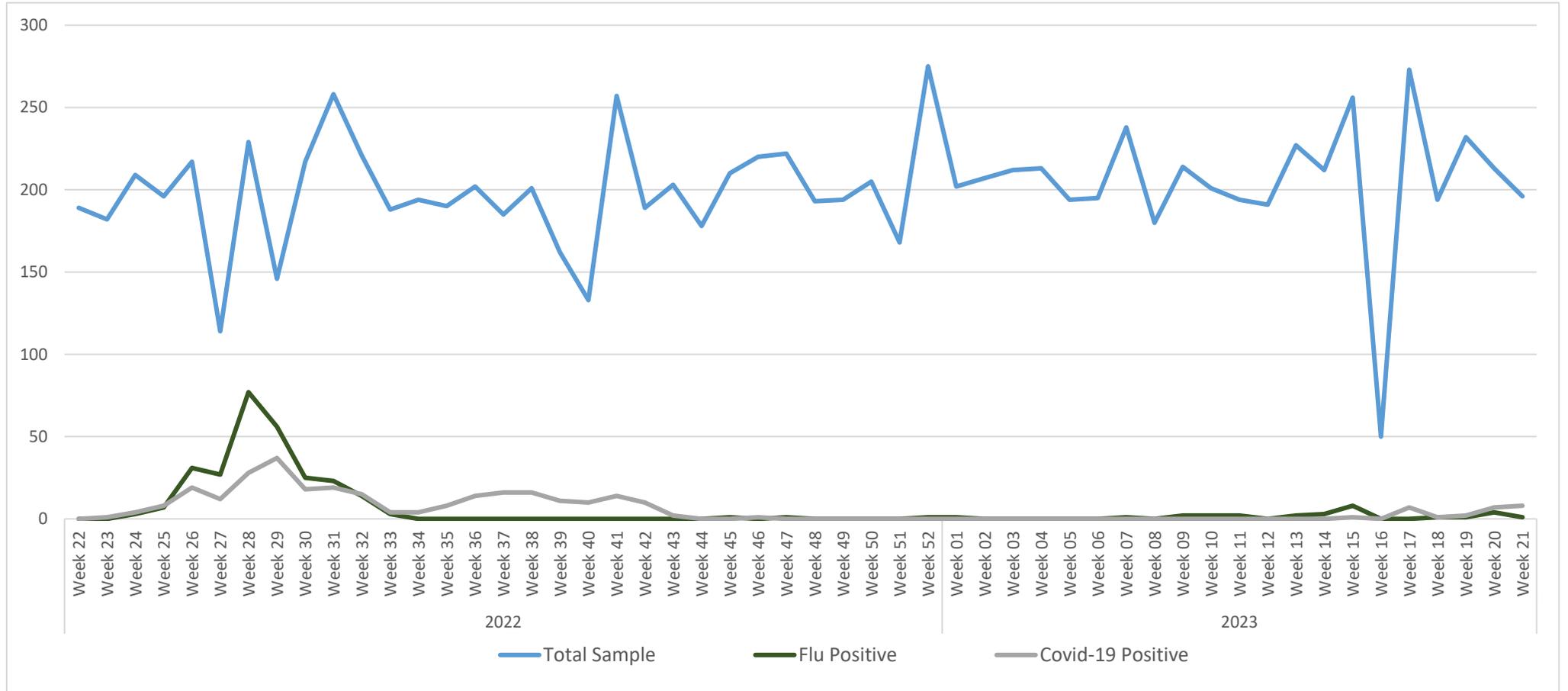
National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph (Weekly)

Week 22 (2022) - Week 21 (2023)



National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 22 (2022) - Week 21 (2023)



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

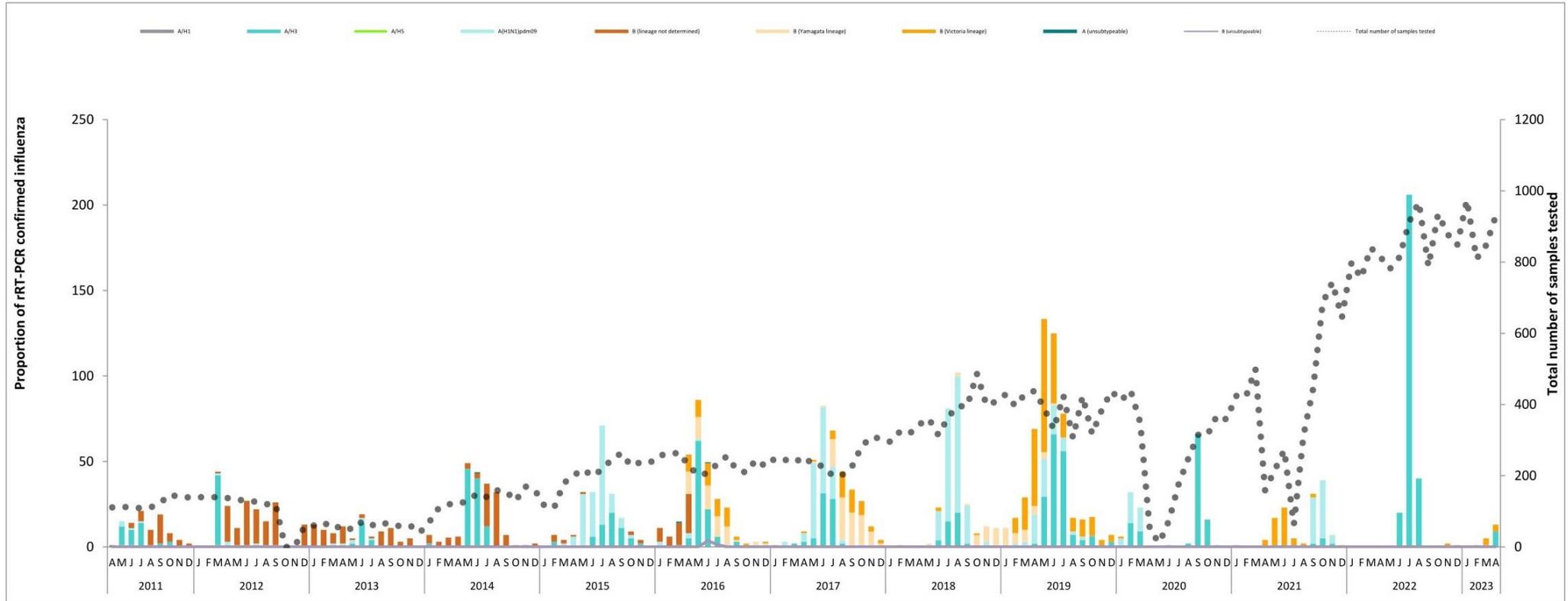
District (Site)	Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	B/Vic	B/Y ama
Thakurgaon(TDH)	April-2010	4460	373	8.36	226	145	2	1	144	82	0	0	0	2	56	20
Gaibandha*(GDH)	April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0
Naogaon (NDH)	April-2010	4675	277	5.93	146	129	2	1	89	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	4186	211	5.04	148	62	1	0	94	55	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	4679	245	5.24	151	94	0	1	75	75	0	0	0	0	48	16
Faridpur* (FDH)	April-2010	290	34	11.72	11	23	0	0	6	5	0	0	0	0	0	0
Habiganj (HDH)	April-2010	5288	309	5.84	206	103	0	0	115	90	0	0	0	0	46	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	4171	263	6.31	183	79	1	0	110	71	0	0	0	1	16	14
Joypurhat (JDH)	April-2014	3812	185	4.85	109	76	0	0	63	46	0	0	0	0	43	15
Patuakhali (PDH)	April-2014	4600	245	5.33	176	66	3	0	76	56	0	0	0	3	36	14
DMCH (DMC)	Jan-2015	3970	170	4.28	118	52	0	0	82	78	0	0	0	0	52	9
Gazipur (GMCH)	Aug-2015	4054	287	7.08	187	100	0	0	136	50	0	0	0	0	74	26
Total		45902	2823	06.15	1748	1066	9	5	1049	692	0	0	0	9	448	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph

April 2011 –May 2023



Summary: May 2023

- **Weekly Sample Transportation: Done**
- **Total Sample Collected ILI: 458 SARI: 453**
- **Total flu positive: 07**
- **Flu positivity: 00.77%**
- **Total Covid-19 Positive: 20**
- **Covid-19 Positivity: 02.19%**