



Monthly Summary Report

National Influenza Surveillance, Bangladesh
(NISB)



April 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
April 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)	49	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)	48	5	10.42	5	0	0	0	5	0	0	0	0	0	0	0
Narshingdi (NDH)	52	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Habiganj (HDH)	47	2	4.26	0	2	0	0	0	0	0	0	0	0	2	0
Cox's Bazar (CDH)	42	1	2.38	1	0	0	0	1	0	0	0	0	0	0	0
Joypurhat (JDH)	46	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
DMCH (DMC)	43	1	2.33	1	0	0	0	1	0	0	0	0	0	0	0
Patuakhali (PDH)	49	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gazipur (GMCH)	45	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Total	466	9	1.93	7	2	0	0	7	0	0	0	0	0	2	0

National Influenza Surveillance, Bangladesh (NISB)

Sentinel Site wise severe acute respiratory infections (SARI) Lab Results

April 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)	50	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Naogaon (NDH)	45	1	2.22	1	0	0	0	1	0	0	0	0	0	0	0
Satkhira (SDH)	44	1	2.27	1	0	0	0	1	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)	48	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	46	1	2.17	0	1	0	0	0	0	0	0	0	0	1	0
Joypurhat (JDH)	45	1	2.22	0	1	0	0	0	0	0	0	0	0	1	0
DMCH (DMC)	42	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Patuakhali (PDH)	49	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gazipur (GMCH)	48	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0
Total	463	4	0.86	2	2	0	0	2	0	0	0	0	0	2	0

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

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	112	1	0.89	0	0.00	133	0	0.00	0	0.00
1 to <5	148	4	2.70	1	0.68	108	2	1.85	0	0.00
5 to <15	62	1	1.61	2	3.23	56	0	0.00	1	1.79
15 to<25	47	2	4.26	1	2.13	32	0	0.00	0	0.00
25 to<40	42	0	0.00	2	4.76	32	1	3.13	0	0.00
40 to<60	31	1	3.23	0	0.00	42	0	0.00	1	2.38
≥60	24	0	0.00	0	0.00	60	1	1.67	0	0.00
Total	466	9	1.93	6	1.29	463	4	0.86	2	0.43

National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise Influenza Lab Results (ILI & SARI)
May 2022 – April 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)	1071	50	4.67	47	3	0	0	47	0	0	0	0	0	3	0
Naogaon (NDH)	1022	17	1.66	17	0	0	0	17	0	0	0	0	0	0	0
Satkhira (SDH)	1029	52	5.05	52	0	0	0	51	1	0	0	0	0	0	0
Narshingdi (NDH)	1069	18	1.68	17	1	0	0	17	0	0	0	0	0	1	0
Habiganj (HDH)	1034	40	3.87	36	4	0	0	36	0	0	0	0	0	4	0
Cox's Bazar (CDH)	1020	20	1.96	19	1	0	0	19	0	0	0	0	0	1	0
Joypurhat (JDH)	1045	17	1.63	16	1	0	0	16	0	0	0	0	0	1	0
DMCH (DMC)	1046	17	1.63	16	1	0	0	16	0	0	0	0	0	1	0
Patuakhali (PDH)	1072	30	2.80	30	0	0	0	30	0	0	0	0	0	0	0
Gazipur (GMCH)	1090	29	2.66	28	1	0	0	27	1	0	0	0	0	1	0
Total	10498	290	2.76	278	12	0	0	276	2	0	0	0	0	12	0

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

District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	551	20	3.63	520	10	1.92
Naogaon (NDH)	513	14	2.73	509	12	2.36
Satkhira (SDH)	542	19	3.51	487	14	2.87
Narshingdi (NDH)	582	13	2.23	487	06	1.23
Habiganj (HDH)	517	22	4.26	517	18	3.48
Cox's Bazar (CDH)	509	30	5.89	511	12	2.35
Joypurhat (JDH)	521	10	1.92	524	12	2.29
Patuakhali (PDH)	535	21	3.93	537	14	2.61
DMCH (DMC)	533	03	0.56	513	06	1.17
Gazipur (GMCH)	547	15	2.74	543	09	1.66
Total	5350	167	3.12	5148	115	2.23

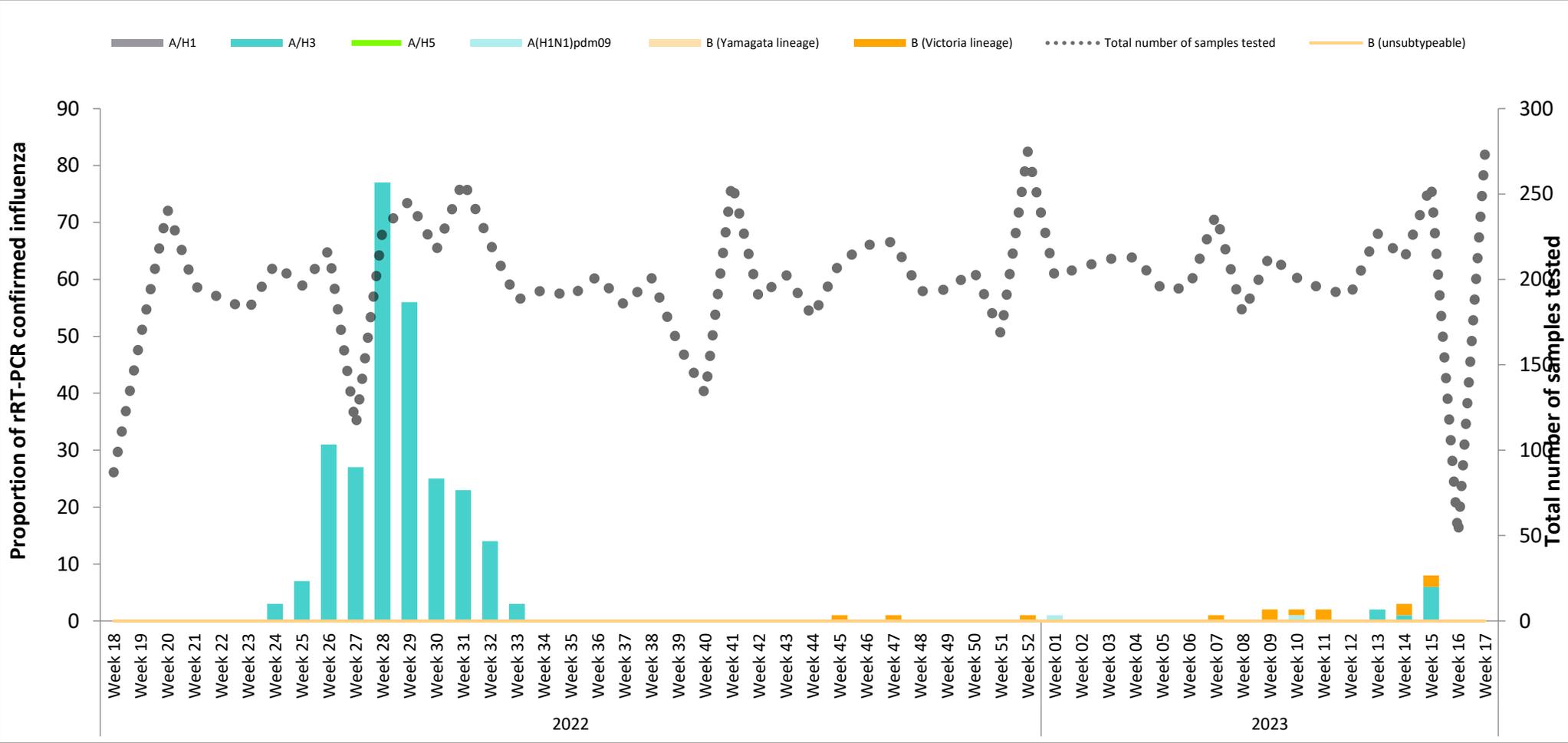
National Influenza Surveillance, Bangladesh (NISB)
Influenza Lab & Covid-19 Results by Different Age Groups
May 2022 – April 2023

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1126	18	1.60	13	1.15	1571	16	1.02	21	1.34
1 to <5	1551	49	3.16	28	1.81	1100	32	2.91	12	1.09
5 to <15	698	16	2.29	12	1.72	447	13	2.91	08	1.79
15 to<25	556	29	5.22	32	5.76	389	9	2.31	13	3.34
25 to<40	660	35	5.30	49	7.42	454	14	3.08	20	4.41
40 to<60	445	22	4.94	23	5.17	566	9	1.59	19	3.36
≥60	314	9	2.87	09	2.87	621	19	3.06	22	3.54
Total	5350	178	3.33	166	3.10	5148	112	2.18	115	2.23

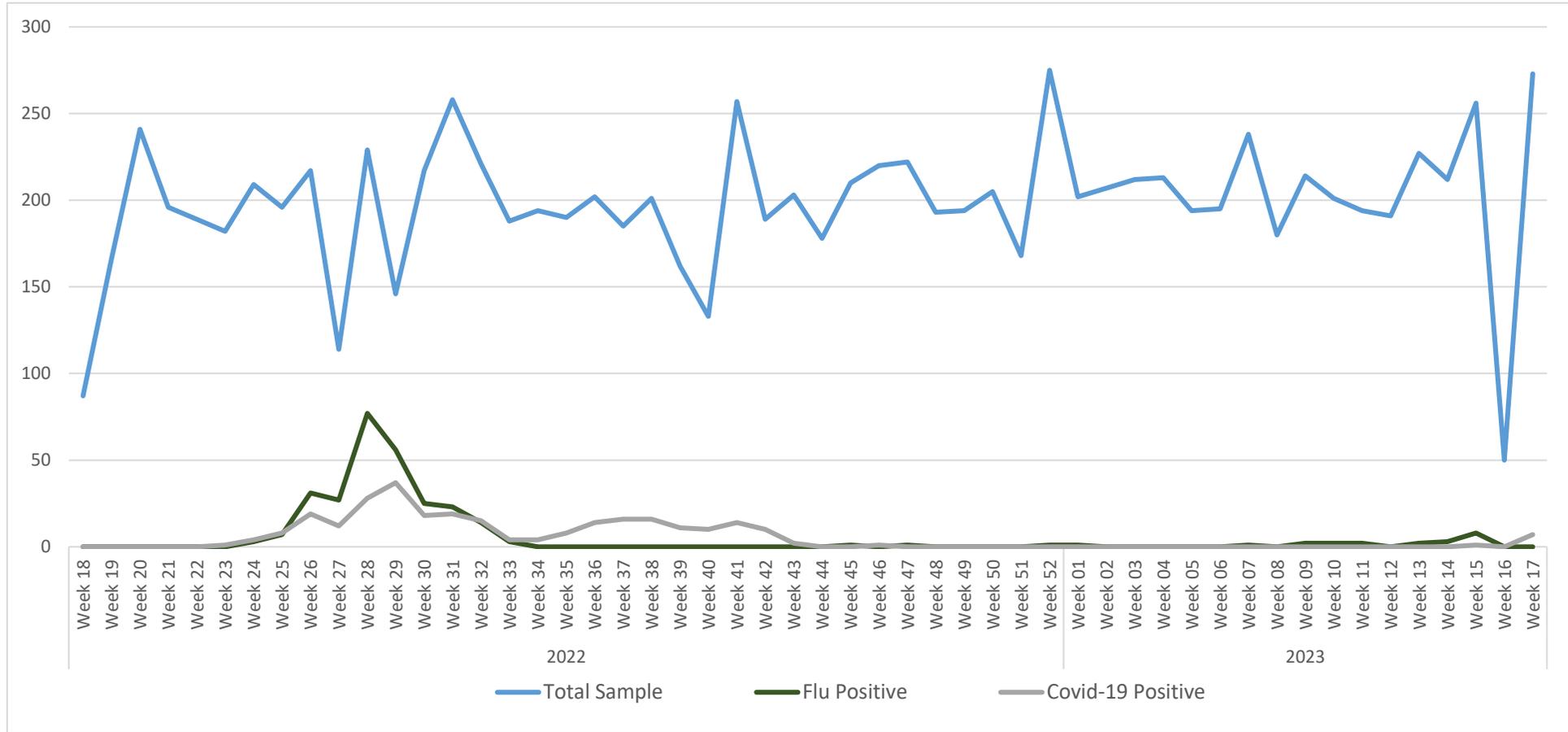
National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph (Weekly)

Week 18 (2022) - Week 17 (2023)



National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 18 (2022) - Week 17 (2023)



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

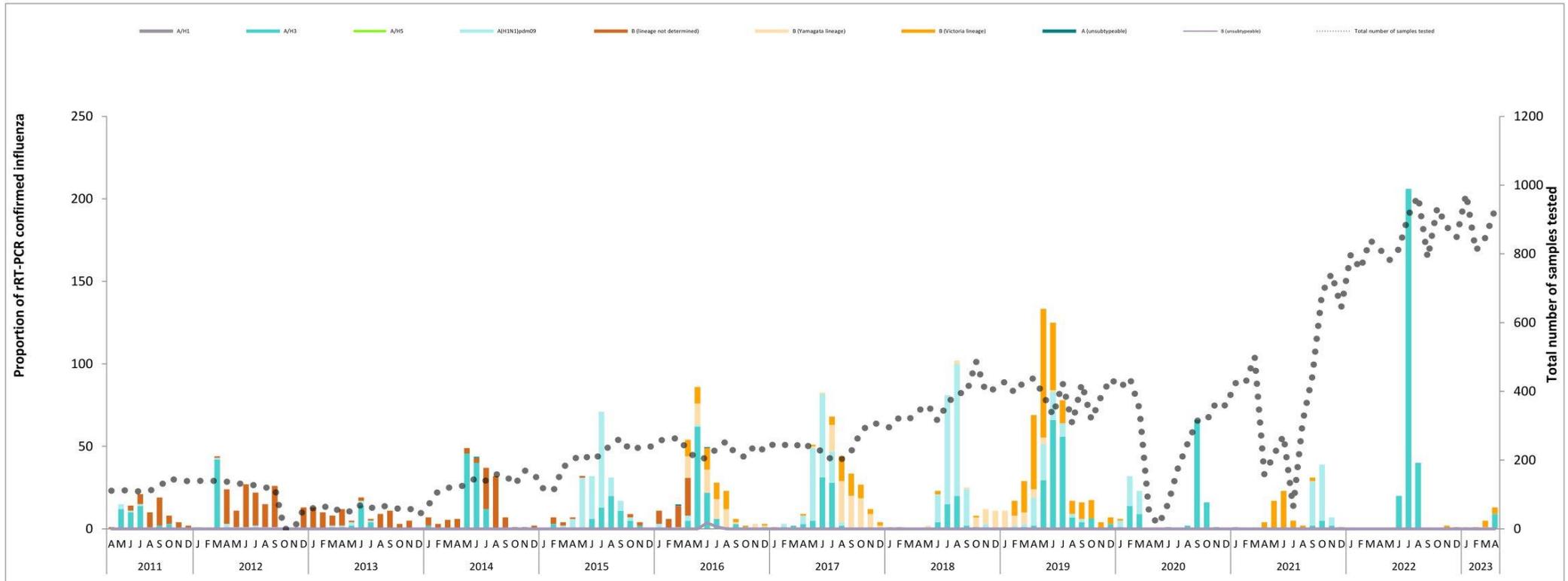
District (Site)	Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	B/Vic	B/Y ama
Thakurgaon(TDH)	April-2010	4370	373	8.54	226	145	2	1	144	82	0	0	0	2	56	20
Gaibandha*(GDH)	April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0
Naogaon (NDH)	April-2010	4584	277	6.04	146	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	4102	211	5.14	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	4590	245	5.34	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	5202	309	5.94	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	4082	259	6.34	179	79	1	0	106	71	0	0	0	1	16	14
Joypurhat (JDH)	April-2014	3709	183	4.93	109	74	0	0	63	46	0	0	0	0	41	15
Patuakhali (PDH)	April-2014	4505	244	5.42	176	65	3	0	76	56	0	0	0	3	35	14
DMCH (DMC)	Jan-2015	3881	170	4.38	118	52	0	0	82	78	0	0	0	0	52	9
Gazipur (GMCH)	Aug-2015	3959	287	7.25	187	100	0	0	136	50	0	0	0	0	74	26
Total		44991	2816	06.26	1744	1063	9	5	1045	692	0	0	0	9	445	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph

April 2011 –April 2023



Summary: April 2023

- Weekly Sample Transportation: Done
- Total Sample Collected ILI: 466 SARI: 463
- Total flu positive: 13
- Flu positivity: 01.40%
- Total Covid-19 Positive: 08
- Covid-19 Positivity: 00.86%