

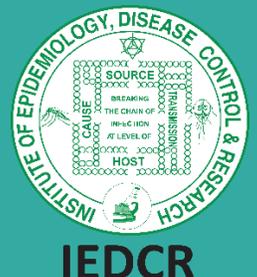


Monthly Summary Report

National Influenza Surveillance, Bangladesh
(NISB)

July 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
July 2023

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3,VIC	H3, VIC	B/Vic	B/Y ama
Thakurgaon (TDH)	52	17	32.69	5	12	0	0	1	4	0	0	0	0	0	12	0
Naogaon (NDH)	46	10	21.74	2	8	0	0	2	0	0	0	0	0	0	8	0
Satkhira (SDH)	63	33	52.38	17	16	0	0	15	1	0	0	0	0	1	16	0
Narshingdi (NDH)	50	17	34.00	10	7	0	0	6	2	0	0	0	2	0	7	0
Habiganj (HDH)	48	20	41.67	9	11	0	0	7	0	0	0	0	0	2	11	0
Cox's Bazar (CDH)	46	07	15.22	2	5	0	0	2	0	0	0	0	0	0	5	0
Joypurhat (JDH)	54	18	33.33	7	11	0	0	5	2	0	0	0	0	0	11	0
DMCH (DMC)	50	17	34.00	6	11	0	0	4	2	0	0	0	0	0	11	0
Patuakhali (PDH)	61	27	44.26	10	17	0	0	8	2	0	0	0	0	0	17	0
Gazipur (GMCH)	48	15	31.25	6	9	0	0	2	4	0	0	0	0	0	9	0
Total	518	181	34.94	74	107	0	0	52	17	0	0	0	2	3	107	0

National Influenza Surveillance, Bangladesh (NISB)

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

July 2023

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3,VI C	H1pd m09+ H3,VI C	H3, VIC	B/Vic	B/Y ama
Thakurgaon (TDH)	45	3	6.67	0	3	0	0	0	0	0	0	0	0	0	0	3	0
Naogaon (NDH)	45	9	20.00	2	7	0	0	2	0	0	0	0	0	0	0	7	0
Satkhira (SDH)	53	6	11.32	5	1	0	0	5	0	0	0	0	0	0	0	1	0
Narshingdi (NDH)	45	5	11.11	0	5	0	0	0	0	0	0	0	0	0	0	5	0
Habiganj (HDH)	48	10	20.83	3	7	0	0	1	2	0	0	0	0	0	0	7	0
Cox's Bazar (CDH)	48	6	12.50	5	1	0	0	5	0	0	0	0	0	0	0	1	0
Joypurhat (JDH)	52	7	13.46	2	5	0	0	1	1	0	0	0	0	0	0	5	0
DMCH (DMC)	52	5	9.62	4	1	0	0	1	3	0	0	0	0	0	0	1	0
Patuakhali (PDH)	47	6	12.77	3	3	0	0	2	1	0	0	0	0	0	0	3	0
Gazipur (GMCH)	44	7	15.91	5	2	0	0	2	3	0	0	0	0	0	0	2	0
Total	479	64	13.36	29	35	0	0	19	10	0	0	0	0	0	0	35	0

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

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	69	17	24.64	9	13.04	129	10	7.75	14	10.85
1 to <5	145	58	40.00	12	8.28	114	21	18.42	13	11.40
5 to <15	127	50	39.37	14	11.02	72	15	20.83	1	1.39
15 to<25	67	31	46.27	7	10.45	36	3	8.33	5	13.89
25 to<40	53	18	33.96	8	15.09	43	4	9.30	5	11.63
40 to<60	37	5	13.51	4	10.81	47	5	10.64	2	4.26
≥60	20	2	10.00	1	5.00	38	6	15.79	3	7.89
Total	518	181	34.94	55	10.62	479	64	13.36	43	8.98

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

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3,VIC	H3, VIC	B/Vic	B/Y ama
Thakurgaon (TDH)	1074	34	3.17	12	22	0	0	8	4	0	0	0	0	0	22	0
Naogaon (NDH)	1041	24	2.31	8	16	0	0	8	0	0	0	0	0	0	16	0
Satkhira (SDH)	1042	65	6.24	48	17	0	0	45	2	0	0	0	0	1	17	0
Narshingdi (NDH)	1073	27	2.52	14	13	0	0	10	2	0	0	0	2	0	13	0
Habiganj (HDH)	1048	40	3.82	17	23	0	0	13	2	0	0	0	0	2	23	0
Cox's Bazar (CDH)	1045	36	3.44	28	8	0	0	28	0	0	0	0	0	0	8	0
Joypurhat (JDH)	1106	28	2.53	9	19	0	0	6	3	0	0	0	0	0	19	0
DMCH (DMC)	1058	27	2.55	14	13	0	0	8	6	0	0	0	0	0	13	0
Patuakhali (PDH)	1111	41	3.69	18	23	0	0	15	3	0	0	0	0	0	23	0
Gazipur (GMCH)	1095	26	2.37	14	12	0	0	6	8	0	0	0	0	0	12	0
Total	10693	348	3.25	182	166	0	0	147	30	0	0	0	2	3	166	0

National Influenza Surveillance, Bangladesh (NISB)

COVID-19 Lab Results of ILI & SARI

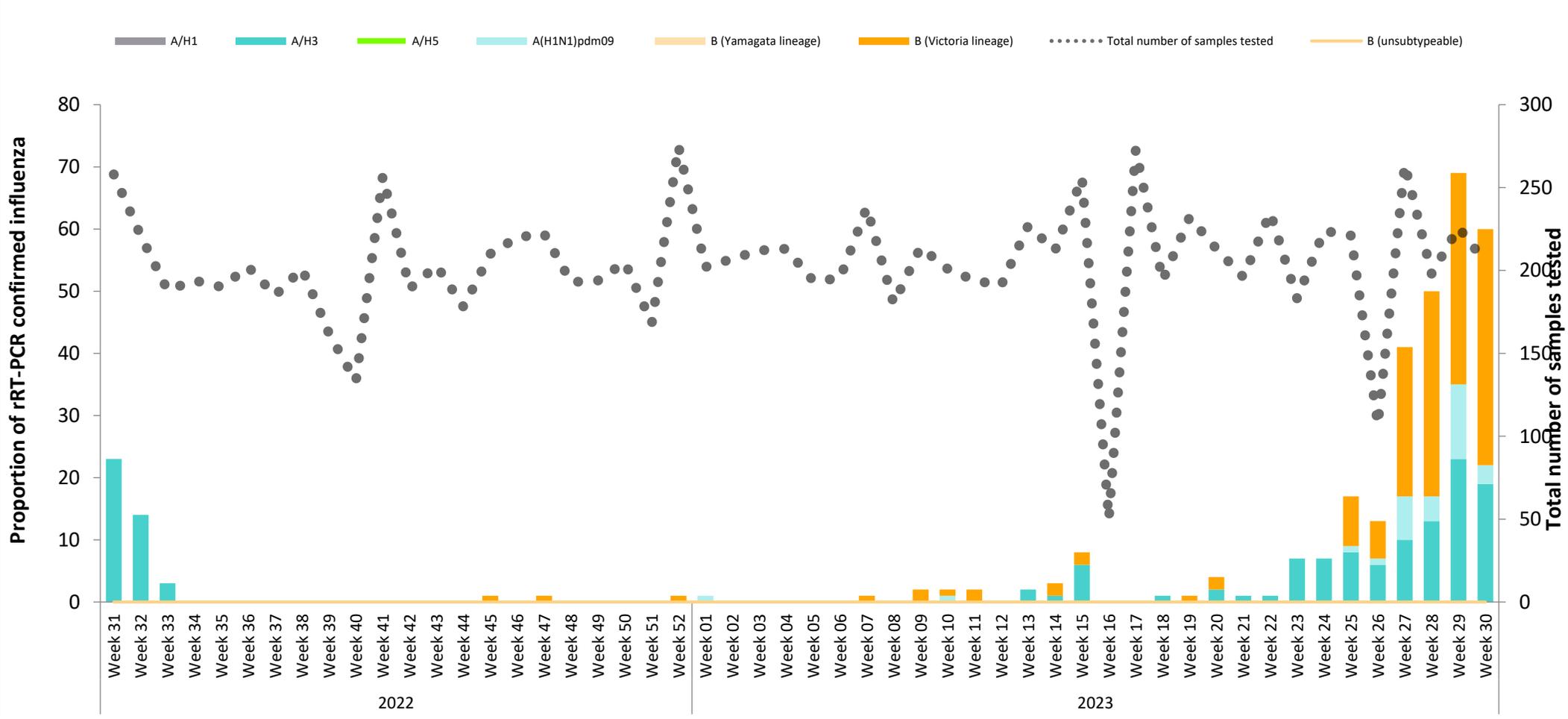
August 2022 – July 2023

District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	546	28	5.13	528	16	3.03
Naogaon (NDH)	526	14	2.66	515	14	2.72
Satkhira (SDH)	546	20	3.66	496	12	2.42
Narshingdi (NDH)	573	10	1.75	500	7	1.40
Habiganj (HDH)	519	28	5.39	529	22	4.16
Cox's Bazar (CDH)	523	31	5.93	522	16	3.07
Joypurhat (JDH)	556	24	4.32	550	20	3.64
DMCH (DMC)	536	8	1.49	522	19	3.64
Patuakhali (PDH)	566	31	5.48	545	17	3.12
Gazipur (GMCH)	562	18	3.20	533	5	0.94
Total	5453	212	3.89	5240	148	2.82

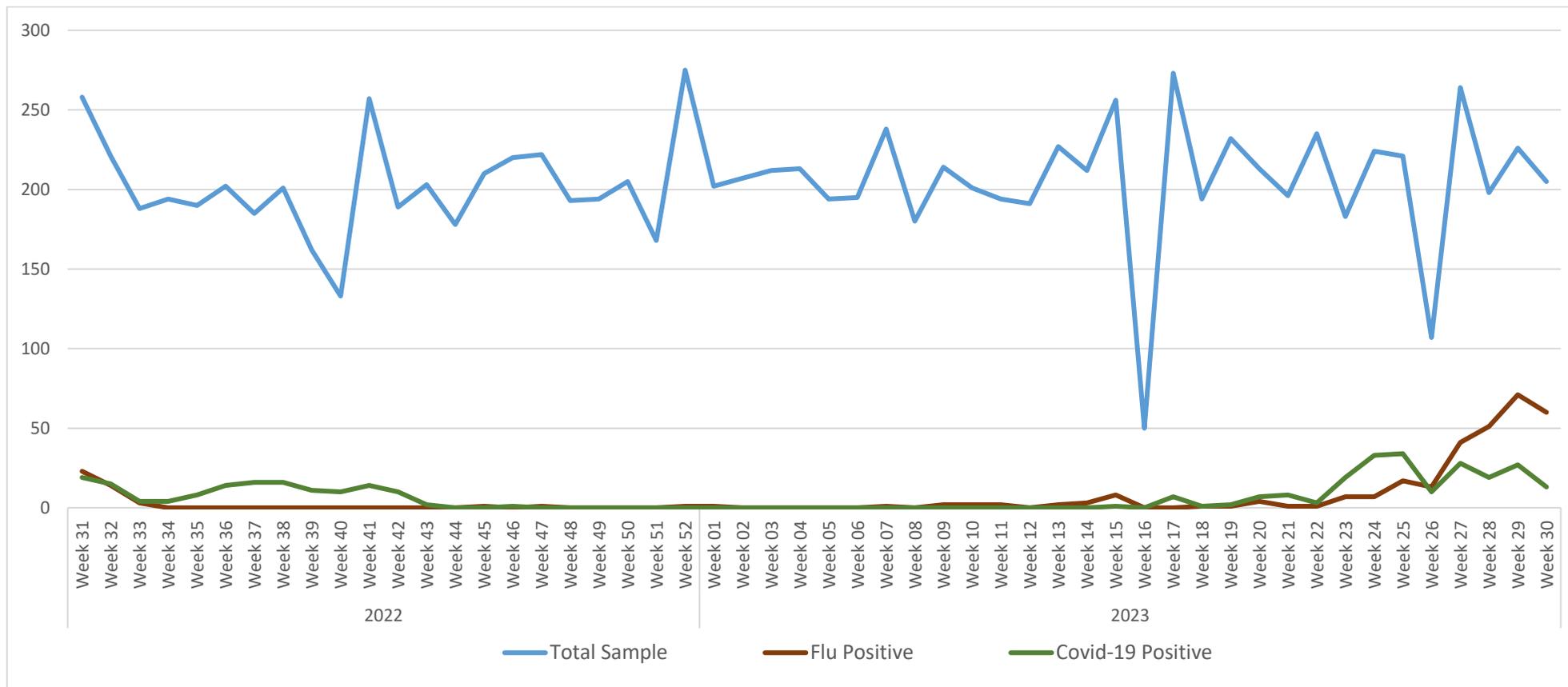
National Influenza Surveillance, Bangladesh (NISB)
Influenza Lab & Covid-19 Results by Different Age Groups
August 2022 – July 2023

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1178	28	2.38	32	2.72	1635	18	1.10	34	2.08
1 to <5	1634	78	4.77	44	2.69	1085	29	2.67	26	2.40
5 to <15	811	61	7.52	30	3.70	515	20	3.88	11	2.14
15 to<25	518	39	7.53	40	7.72	386	6	1.55	14	3.63
25 to<40	560	27	4.82	34	6.07	450	6	1.33	19	4.22
40 to<60	426	10	2.35	24	5.63	565	8	1.42	24	4.25
≥60	326	7	2.15	08	2.45	604	11	1.82	20	3.31
Total	5453	250	4.58	212	3.89	5240	98	1.87	148	2.82

National Influenza Surveillance, Bangladesh (NISB)
Influenza Seasonality Graph (Weekly)
Week 31 (2022) - Week 30 (2023)



National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 31 (2022) - Week 30 (2023)



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

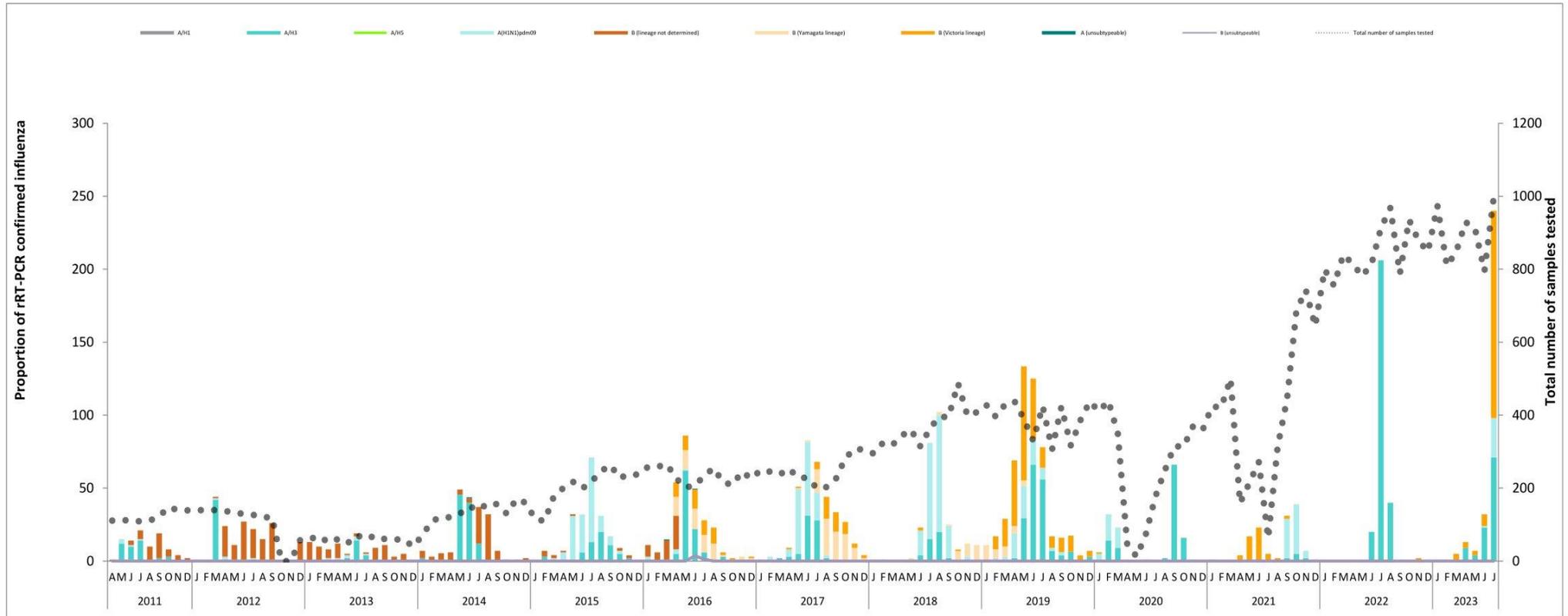
District (Site)	Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	H1pd m09+ H3,VIC	H3, VIC	B/Vic	B/Yama
Thakurgaon(TDH)	April-2010	4638	397	8.56	232	163	2	1	146	86	0	0	0	2	0	0	74	20
Gaibandha*(GDH)	April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0	0	0
Naogaon (NDH)	April-2010	4842	298	6.15	151	145	2	1	94	58	0	0	0	2	0	0	68	27
Sirajganj* (SDH)	April-2010	283	38	13.43	14	24	0	0	12	2	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
Satkhira (SDH)	April-2010	4372	254	5.81	174	79	1	0	118	56	0	0	0	1	0	1	42	4
Netrokona* (NDH)	April-2010	268	32	11.94	15	17	0	0	11	4	0	0	0	0	0	0	0	0
Narshindi (NDH)	April-2010	4855	269	5.54	163	106	0	1	83	77	0	0	0	0	2	0	60	16
Faridpur* (FDH)	April-2010	290	34	11.72	11	23	0	0	6	5	0	0	0	0	0	0	0	0
Habiganj (HDH)	April-2010	5454	340	6.23	218	122	0	0	123	92	0	0	0	0	0	2	65	17
Jhalokathi* (JDH)	April-2010	280	40	14.29	9	31	0	0	7	2	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
Rangamati* (RDH)	April-2010	256	39	15.23	17	22	0	1	9	7	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	April-2010	4347	291	6.69	204	86	1	0	131	71	0	0	0	1	0	0	23	14
Joypurhat (JDH)	April-2014	4005	210	5.24	118	92	0	0	69	49	0	0	0	0	0	0	59	15
Patuakhali (PDH)	April-2014	4796	280	5.84	189	88	3	0	86	59	0	0	0	3	0	0	58	14
DMCH (DMC)	Jan-2015	4149	193	4.65	129	64	0	0	87	84	0	0	0	0	0	0	64	9
Gazipur (GMCH)	Aug-2015	4229	310	7.33	199	111	0	0	141	57	0	0	0	0	0	0	85	26
Total		47694	3100	06.50	1875	1216	9	5	1143	72	0	0	0	9	2	3	598	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph

April 2011 – July 2023



Summary: July 2023

- Weekly Sample Transportation: Done
- Total Sample Collected ILI: 518 SARI: 479
- Total flu positive: 245
- Flu positivity: 24.57%
- Total Covid-19 Positive: 98
- Covid-19 Positivity: 09.83%