



Monthly Summary Report

National Influenza Surveillance, Bangladesh
(NISB)



December 2023

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



IEDCR

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

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	101	00	0.00	1	0.99	148	00	0.00	0	0.00
1 to <5	164	00	0.00	0	0.00	93	00	0.00	0	0.00
5 to <15	94	00	0.00	0	0.00	40	00	0.00	1	2.5
15 to<25	23	00	0.00	1	4.35	35	00	0.00	0	0.00
25 to<40	27	00	0.00	0	0.00	27	00	0.00	0	0.00
40 to<60	35	00	0.00	0	0.00	47	00	0.00	0	0.00
≥60	26	00	0.00	0	0.00	71	00	0.00	0	0.00
Total	470	00	0.00	2	0.43	461	00	0.00	1	0.22

**National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise Influenza Lab Results (ILI & SARI)
January 2023 – December 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/Vi c	B/Y am a
Thakurgaon (TDH)	1079	116	10.75	48	66	2	0	23	25	0	0	0	0	1	0	1	66	0
Naogaon (NDH)	1067	88	8.25	29	58	1	0	19	10	0	0	0	0	0	0	1	58	0
Satkhira (SDH)	1082	89	8.23	58	30	1	0	37	21	0	0	0	0	0	0	1	30	0
Narshingdi (NDH)	1082	91	8.41	53	31	7	0	36	17	0	0	0	2	0	1	4	31	0
Habiganj (HDH)	1054	114	10.82	55	55	4	0	34	21	0	0	0	0	0	1	3	55	0
Cox's Bazar (CDH)	1099	62	5.64	34	28	0	0	32	2	0	0	0	0	0	0	0	28	0
Joypurhat (JDH)	1202	97	8.07	40	55	2	0	19	21	0	0	0	0	0	2	0	55	0
DMCH (DMC)	1130	58	5.13	32	24	2	0	16	16	0	0	0	0	0	0	2	24	0
Patuakhali (PDH)	1219	114	9.35	48	63	3	0	33	15	0	0	0	0	0	1	2	63	0
Gazipur (GMCH)	1122	77	6.86	48	27	2	0	22	26	0	0	0	0	0	2	0	27	0
Total	11136	906	8.14	445	437	24	0	271	174	0	0	0	2	1	7	14	437	0

National Influenza Surveillance, Bangladesh (NISB)

COVID-19 Lab Results of ILI & SARI

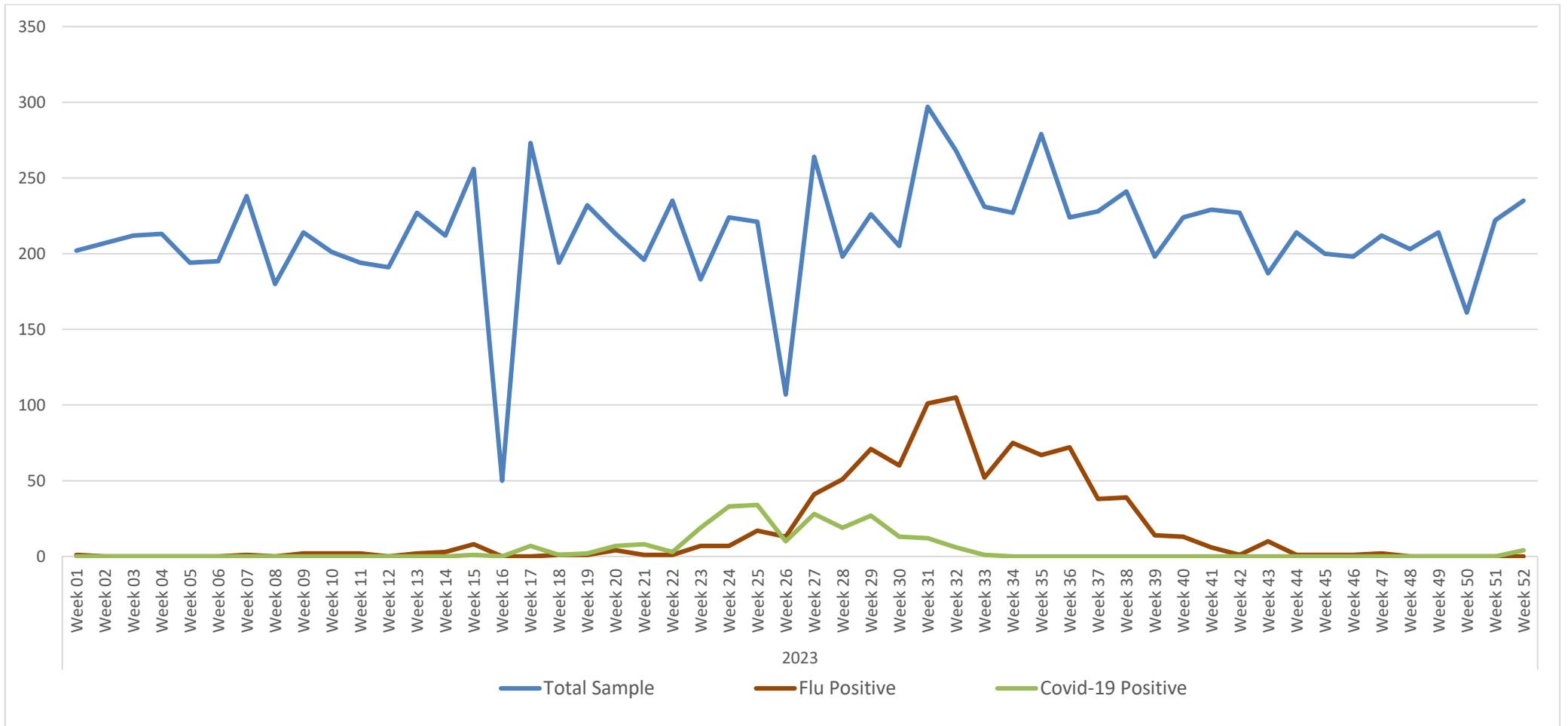
January 2023 – December 2023

District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	551	16	2.90	528	10	1.89
Naogaon (NDH)	546	8	1.47	521	8	1.54
Satkhira (SDH)	564	14	2.48	518	2	0.39
Narshingdi (NDH)	572	9	1.57	510	4	0.78
Habiganj (HDH)	524	23	4.39	530	15	2.83
Cox's Bazar (CDH)	551	18	3.27	548	11	2.01
Joypurhat (JDH)	632	15	2.37	570	12	2.11
DMCH (DMC)	584	8	1.37	546	15	2.75
Patuakhali (PDH)	675	23	3.41	544	9	1.65
Gazipur (GMCH)	585	13	2.22	537	4	0.74
Total	5784	147	2.54	5352	90	1.68

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

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1105	58	5.25	25	2.26	1665	37	2.22	22	1.32
1 to <5	1916	248	12.94	33	1.72	1148	88	7.67	20	1.74
5 to <15	1182	200	16.92	30	2.54	567	52	9.17	8	1.41
15 to<25	454	60	13.22	24	5.29	405	26	6.42	7	1.73
25 to<40	453	46	10.15	16	3.53	437	22	5.03	11	2.52
40 to<60	398	23	5.78	13	3.27	527	18	3.42	12	2.28
≥60	276	10	3.62	6	2.17	603	18	2.99	10	1.66
Total	5784	645	11.15	147	2.54	5352	261	4.88	90	1.68

National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 01 (2023) - Week 52 (2023)

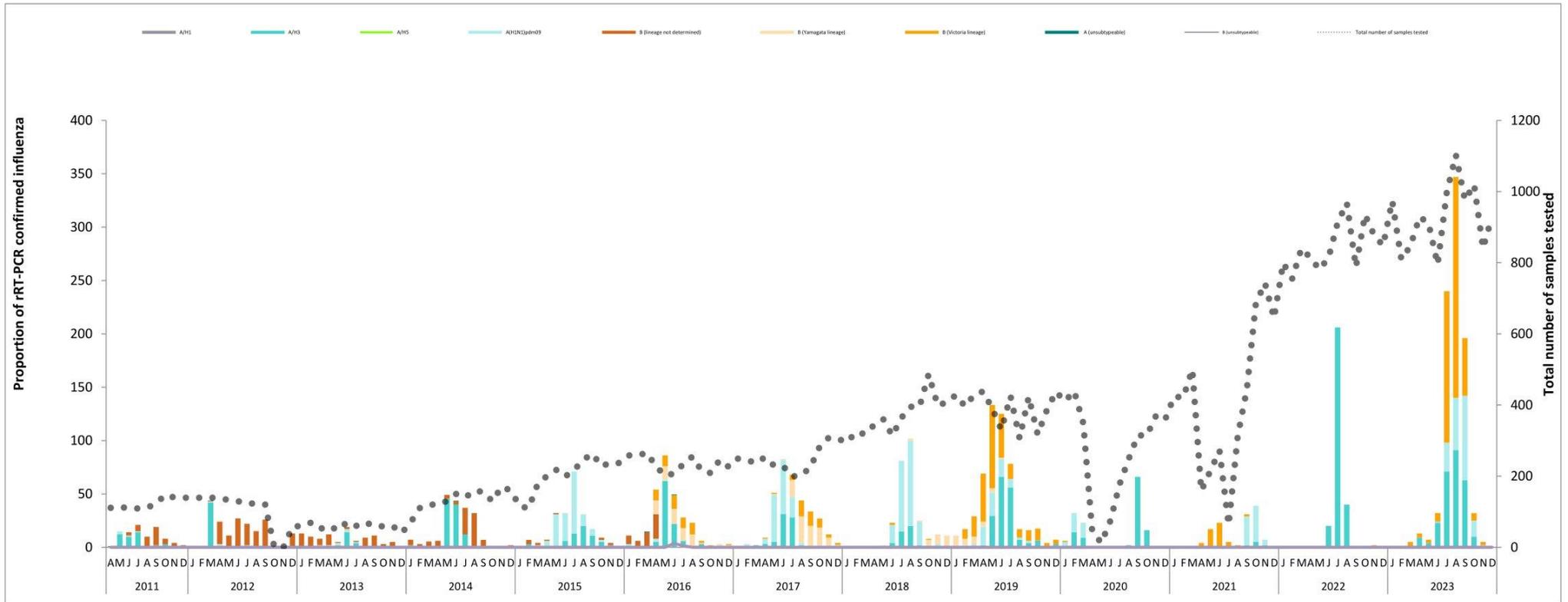


**Sentinel Site wise Influenza Lab Results (ILI & SARI)
Surveillance Initiation – December 2023**

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	5085	487	9.58	275	209	3	1	167	107	0	0	0	3	0	0	1	120	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	5307	363	6.84	175	185	3	1	108	68	0	0	0	2	0	0	1	108	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	4837	293	6.06	200	92	1	0	125	75	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	5304	335	6.32	206	124	5	1	111	92	0	0	0	0	2	1	4	78	16
Faridpur* (FDH)		April-2010	290	34	11.72	11	23	0	0	6	5	0	0	0	0	0	0	0	0	0
Habiganag (HDH)		April-2010	5904	418	7.08	263	153	2	0	149	111	0	0	0	0	0	1	3	96	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	4836	319	6.60	212	106	1	0	137	73	0	0	0	1	0	0	0	43	14
Joypurhat (JDH)		April-2014	4535	279	6.15	149	128	2	0	82	67	0	0	0	0	0	2	0	95	15
Patuakhali (PDH)		April-2014	5361	358	6.68	224	128	6	0	109	71	0	0	0	3	0	1	2	98	14
DMCH (DMC)		Jan-2015	4668	227	4.86	149	76	2	0	97	94	0	0	0	0	0	0	2	76	9
Gazipur (GMCH)		Aug-2015	4711	362	7.68	234	126	2	0	158	75	0	0	0	0	0	2	0	100	26
Total			52555	3699	07.04	2185	1487	27	5	1308	864	0	0	0	10	2	7	14	869	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)
Influenza Seasonality Graph
April 2011 – December 2023



Summary: December 2023

- **Weekly Sample Transportation: Done**
- **Total Sample Collected ILI: 470 SARI: 461**
- **Total flu positive: 00**
- **Flu positivity: 00.00%**
- **Total Covid-19 Positive: 3**
- **Covid-19 Positivity: 00.32%**