



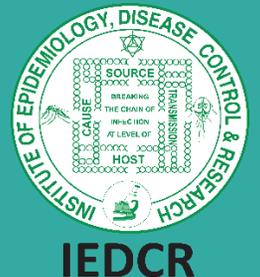
Monthly Summary Report

National Influenza Surveillance, Bangladesh
(NISB)



April 2024

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



National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise severe acute respiratory infections (SARI) Lab Results
April 2024

District (Site)	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09, VIC	H3, VIC	H1pd m09, H3	B/Vic	B/Y ama
Thakurgaon (TDH)	47	2	4.26	2	0	0	0	1	1	0	0	0	0	0	0	0	0
Naogaon (NDH)	56	6	10.71	6	0	0	0	5	1	0	0	0	0	0	0	0	0
Satkhira (SDH)	49	4	8.16	4	0	0	0	3	1	0	0	0	0	0	0	0	0
Narshingdi (NDH)	38	3	7.89	3	0	0	0	3	0	0	0	0	0	0	0	0	0
Habiganj (HDH)	55	12	21.82	12	0	0	0	9	3	0	0	0	0	0	0	0	0
Cox's Bazar (CDH)	53	8	15.09	8	0	0	0	6	2	0	0	0	0	0	0	0	0
Joypurhat (JDH)	59	4	6.78	4	0	0	0	3	1	0	0	0	0	0	0	0	0
DMCH (DMC)	54	14	25.93	13	0	1	0	8	5	0	0	0	0	0	1	0	0
Patuakhali (PDH)	51	15	29.41	15	0	0	0	14	1	0	0	0	0	0	0	0	0
Gazipur (GMCH)	46	12	26.09	12	0	0	0	9	3	0	0	0	0	0	0	0	0
Total	508	80	15.75	79	0	1	0	61	18	0	0	0	0	0	1	0	0

National Influenza Surveillance, Bangladesh (NISB)
Monthly Enrolment by Different Age Groups
April 2024

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	86	06	6.98	1	1.16	155	17	10.97	4	2.58
1 to <5	214	48	22.43	11	5.14	129	35	27.13	1	0.78
5 to <15	132	31	23.48	3	2.27	43	06	13.95	1	2.33
15 to<25	51	07	13.73	2	3.92	26	04	15.38	2	7.69
25 to<40	44	09	20.45	1	2.27	49	08	16.33	1	2.04
40 to<60	32	05	15.63	1	3.13	46	05	10.87	3	6.52
≥60	26	02	7.69	0	0.00	60	05	8.33	2	3.33
Total	585	108	18.46	19	3.25	508	80	15.75	14	2.76

**National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise Influenza Lab Results (ILI & SARI)
May 2023 – April 2024**

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)	1133	121	10.68	55	64	2	0	27	28	0	0	0	0	1	0	1	64	0
Naogaon (NDH)	1215	96	7.90	37	58	1	0	25	12	0	0	0	0	0	0	1	58	0
Satkhira (SDH)	1188	92	7.74	61	30	1	0	38	23	0	0	0	0	0	0	1	30	0
Narshingdi (NDH)	1127	109	9.67	72	30	7	0	48	24	0	0	0	2	0	1	4	30	0
Habiganj (HDH)	1148	152	13.24	98	50	4	0	66	32	0	0	0	0	0	1	3	50	0
Cox's Bazar (CDH)	1227	83	6.76	56	27	0	0	47	9	0	0	0	0	0	0	0	27	0
Joypurhat (JDH)	1339	105	7.84	49	54	2	0	25	24	0	0	0	0	0	2	0	54	0
DMCH (DMC)	1214	103	8.48	76	24	3	0	38	38	0	0	0	0	1	0	2	24	0
Patuakhali (PDH)	1328	147	11.07	81	63	3	0	62	19	0	0	0	0	0	1	2	63	0
Gazipur (GMCH)	1240	111	8.95	83	26	2	0	46	37	0	0	0	0	0	2	0	26	0
Total	12159	1119	9.20	668	426	25	0	422	246	0	0	0	2	2	7	14	426	0

National Influenza Surveillance, Bangladesh (NISB)

COVID-19 Lab Results of ILI & SARI

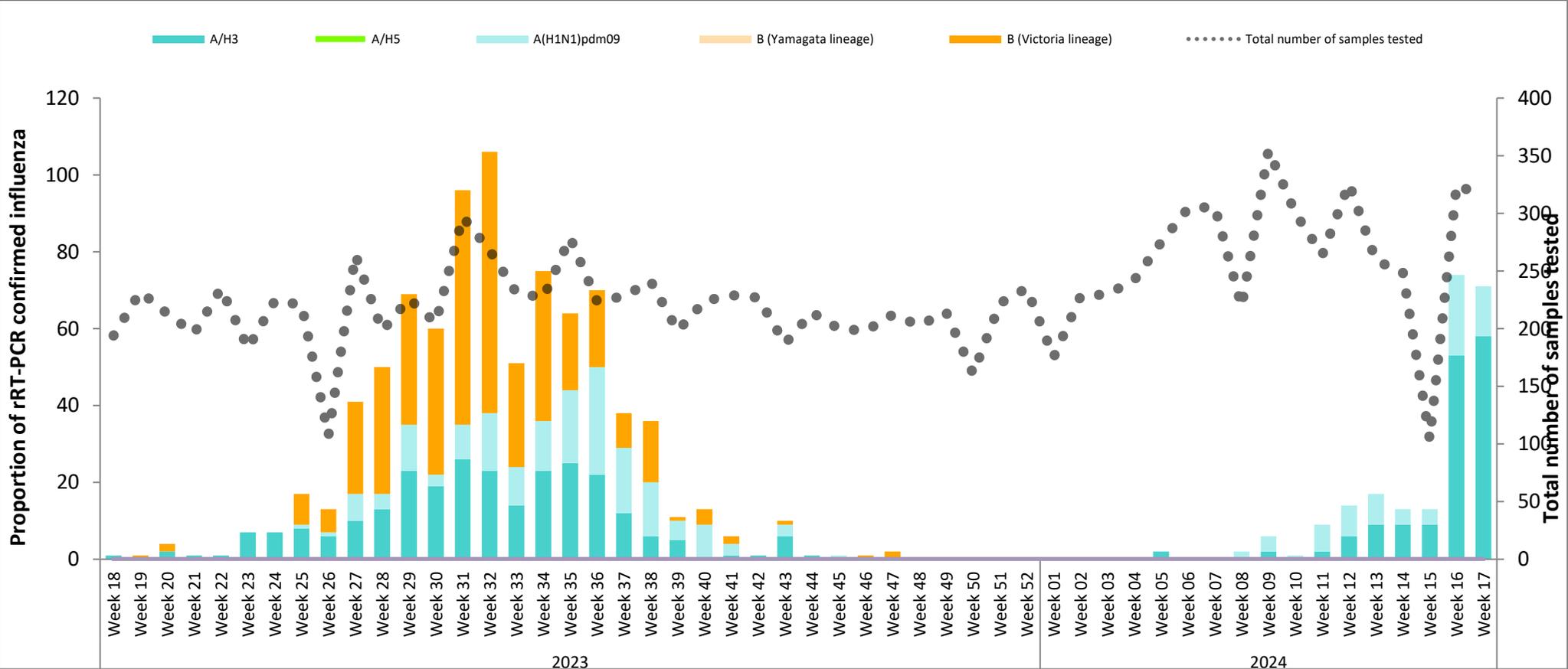
May 2023 – April 2024

District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	590	30	5.08	543	17	3.13
Naogaon (NDH)	641	15	2.34	574	19	3.31
Satkhira (SDH)	610	30	4.92	578	22	3.81
Narshingdi (NDH)	608	21	3.45	519	06	1.16
Habiganj (HDH)	566	25	4.42	582	18	3.09
Cox's Bazar (CDH)	627	27	4.31	600	28	4.67
Joypurhat (JDH)	718	26	3.62	621	21	3.38
DMCH (DMC)	621	15	2.42	593	22	3.71
Patuakhali (PDH)	748	40	5.35	580	31	5.34
Gazipur (GMCH)	663	26	3.92	577	13	2.25
Total	6392	255	3.99	5767	197	3.42

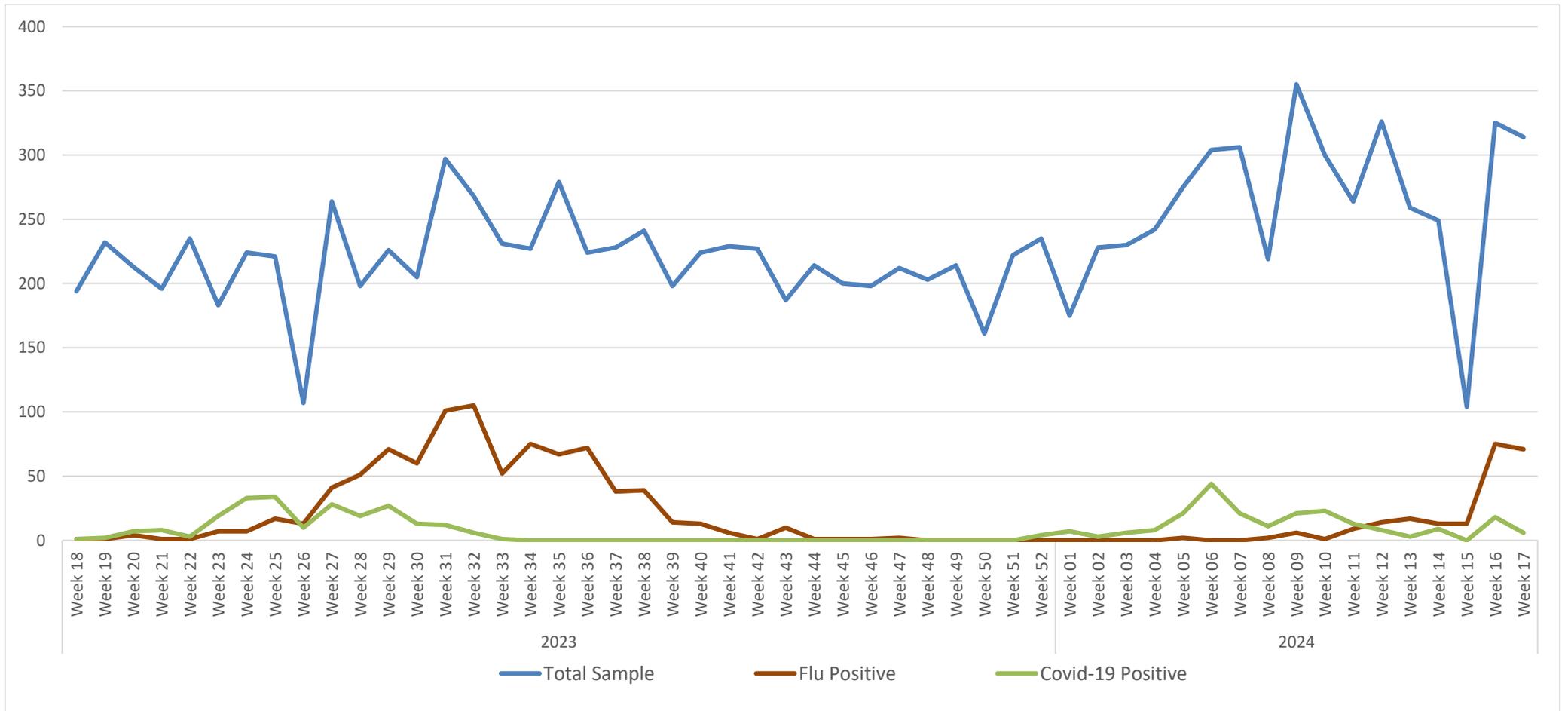
National Influenza Surveillance, Bangladesh (NISB)
Influenza Lab & Covid-19 Results by Different Age Groups
May 2023 – April 2024

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1080	63	5.83	45	4.17	1796	59	3.29	64	3.56
1 to <5	2195	299	13.62	65	2.96	1322	128	9.68	37	2.80
5 to <15	1394	239	17.14	47	3.37	580	59	10.17	12	2.07
15 to<25	499	67	13.43	34	6.81	405	29	7.16	17	4.20
25 to<40	495	55	11.11	22	4.44	488	30	6.15	17	3.48
40 to<60	436	28	6.42	26	5.96	538	26	4.83	22	4.09
≥60	293	12	4.10	16	5.46	638	25	3.92	28	4.39
Total	6392	763	11.94	255	3.99	5767	356	6.17	197	3.42

National Influenza Surveillance, Bangladesh (NISB)
Influenza Seasonality Graph (Weekly)
Week 18 (2023) - Week 17 (2024)



National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 18 (2023) - Week 17 (2024)



Sentinel Site wise Influenza Lab Results (ILI & SARI) Surveillance Initiation – April 2024

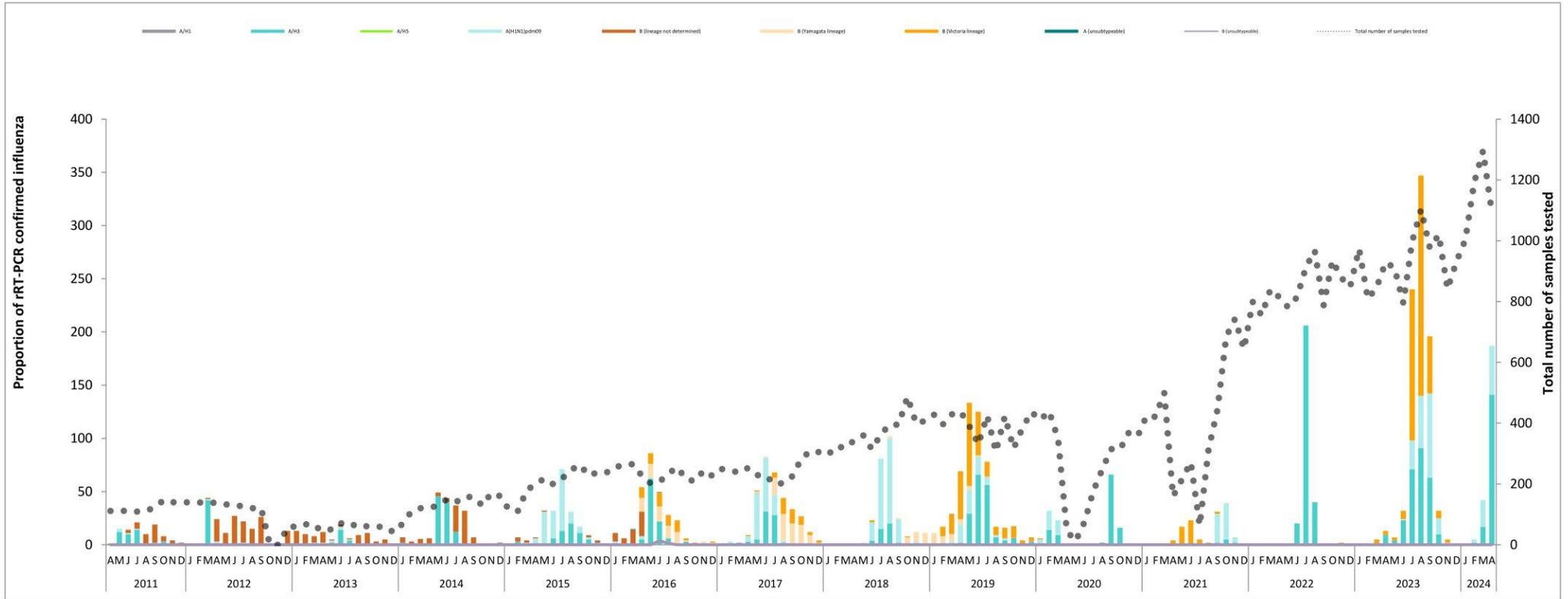
District (Site)		Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	H1pd m09+ H3,VI C	H1pd m09+ VIC	H3, VIC	B/Vic	B/Y ama
Thakurgaon(TDH)		April-2010	5503	494	8.98	282	209	3	1	171	110	0	0	0	3	0	0	1	120	20
Gaibandha*(GDH)		April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0	0	0	0
Naogaon (NDH)		April-2010	5799	372	6.41	184	185	3	1	115	70	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	5290	303	5.73	210	92	1	0	132	78	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	5717	354	6.19	225	124	5	1	123	99	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	6350	461	7.26	306	153	2	0	181	122	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	5308	342	6.44	235	106	1	0	153	80	0	0	0	1	0	0	0	43	14
Joypurhat (JDH)		April-2014	5038	288	5.72	158	128	2	0	88	70	0	0	0	0	0	2	0	95	15
Patuakhali (PDH)		April-2014	5825	391	6.71	257	128	6	0	138	75	0	0	0	3	0	1	2	98	14
DMCH (DMC)		Jan-2015	5101	273	5.35	194	76	3	0	120	116	0	0	0	1	0	0	2	76	9
Gazipur (GMCH)		Aug-2015	5199	398	7.66	270	126	2	0	182	87	0	0	0	0	0	2	0	100	26
Total			57137	3934	06.89	2419	1487	28	5	1468	938	0	0	0	11	2	7	14	869	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph

April 2011 – April 2024



Summary: April 2024

- Weekly Sample Transportation: Done
- Total Sample Collected ILI: 585 SARI: 508
- Total flu positive: 188
- Flu positivity: 17.20%
- Total Covid-19 Positive: 33
- Covid-19 Positivity: 03.02%