



Monthly Summary Report

National Influenza Surveillance, Bangladesh
(NISB)



July 2024

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



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

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	114	12	10.53	8	7.02	142	14	9.86	2	1.41
1 to <5	183	43	23.50	3	1.64	135	20	14.81	4	2.96
5 to <15	113	25	22.12	1	0.88	40	09	22.50	0	0.00
15 to<25	91	18	19.78	5	5.49	38	06	15.79	0	0.00
25 to<40	66	14	21.21	3	4.55	39	11	28.21	0	0.00
40 to<60	51	06	11.76	2	3.92	49	05	10.20	1	2.04
≥60	23	02	8.70	2	8.70	59	05	8.47	2	3.39
Total	641	120	18.72	24	3.74	502	70	13.94	09	1.79

National Influenza Surveillance, Bangladesh (NISB)
Sentinel Site wise Influenza Lab Results (ILI & SARI)
August 2023 – July 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)	1181	220	18.63	172	46	2	0	132	40	0	0	0	0	1	0	1	46	0
Naogaon (NDH)	1342	140	10.43	98	41	1	0	80	18	0	0	0	0	0	0	1	41	0
Satkhira (SDH)	1247	137	10.99	124	13	0	0	77	47	0	0	0	0	0	0	0	13	0
Narshingdi (NDH)	1205	130	10.79	107	18	5	0	73	34	0	0	0	0	0	1	4	18	0
Habiganj (HDH)	1246	248	19.90	215	31	2	0	136	79	0	0	0	0	0	1	1	31	0
Cox's Bazar (CDH)	1370	111	8.10	91	20	0	0	59	32	0	0	0	0	0	0	0	20	0
Joypurhat (JDH)	1427	156	10.93	118	36	2	0	93	25	0	0	0	0	0	2	0	36	0
DMCH (DMC)	1262	132	10.46	117	12	3	0	69	48	0	0	0	0	1	0	2	12	0
Patuakhali (PDH)	1473	265	17.99	222	40	3	0	190	32	0	0	0	0	0	1	2	40	0
Gazipur (GMCH)	1378	203	14.73	186	15	2	0	138	48	0	0	0	0	0	2	0	15	0
Total	13131	1742	13.27	1450	272	20	0	1047	403	0	0	0	0	2	7	11	272	0

National Influenza Surveillance, Bangladesh (NISB)

COVID-19 Lab Results of ILI & SARI

August 2023 – July 2024

District (Site)	ILI			SARI		
	Sample	Covid-19	Covid-19%	Sample	Covid-19	Covid-19%
Thakurgaon (TDH)	626	22	3.51	555	10	1.80
Naogaon (NDH)	717	21	2.93	625	14	2.24
Satkhira (SDH)	650	28	4.31	597	23	3.85
Narshingdi (NDH)	677	21	3.10	528	05	0.95
Habiganj (HDH)	619	17	2.75	627	08	1.28
Cox's Bazar (CDH)	707	17	2.40	663	23	3.47
Joypurhat (JDH)	783	17	2.17	644	11	1.71
DMCH (DMC)	678	15	2.21	584	12	2.05
Patuakhali (PDH)	854	37	4.33	619	23	3.72
Gazipur (GMCH)	767	21	2.74	611	16	2.62
Total	7078	216	3.05	6053	145	2.40

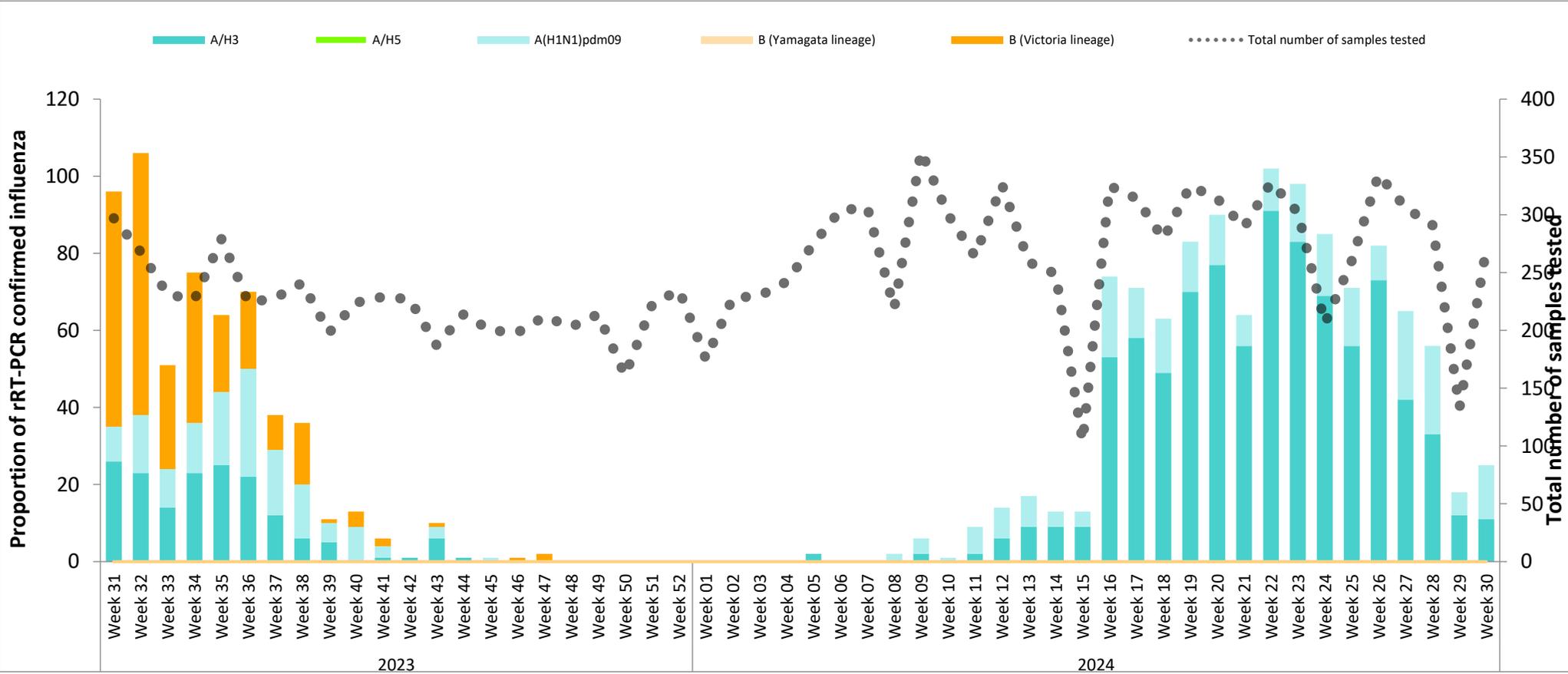
National Influenza Surveillance, Bangladesh (NISB)
Influenza Lab & Covid-19 Results by Different Age Groups
August 2023 – July 2024

Age Group (In Year)	ILI					SARI				
	Sample	Flu	Flu%	Covid-19	Covid-19%	Sample	Flu	Flu%	Covid-19	Covid-19%
<1	1182	95	8.04	48	4.06	1859	108	5.81	48	2.58
1 to <5	2485	462	18.59	58	2.33	1475	230	15.59	26	1.76
5 to <15	1549	320	20.66	35	2.26	551	86	15.61	07	1.27
15 to<25	600	97	16.17	25	4.17	436	57	13.07	13	2.98
25 to<40	530	72	13.58	18	3.40	490	53	10.82	09	1.84
40 to<60	439	46	10.48	18	4.10	549	44	8.01	17	3.10
≥60	293	20	6.83	14	4.78	693	52	7.50	25	3.61
Total	7078	1112	15.71	216	3.05	6053	630	10.41	145	2.40

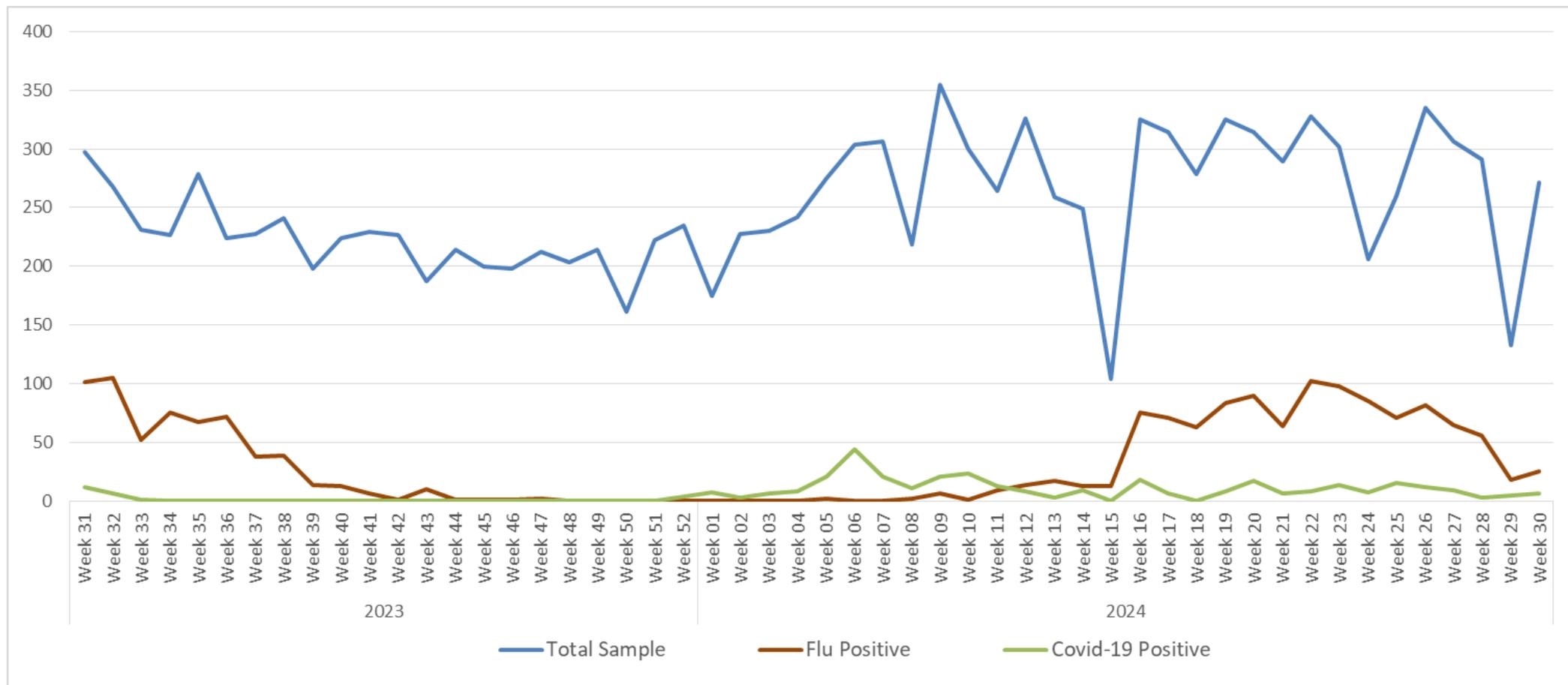
National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph (Weekly)

Week 31 (2023) - Week 30 (2024)



National Influenza Surveillance, Bangladesh (NISB)
Influenza & Covid-19 Seasonality Graph (Weekly)
Week 31 (2023) - Week 30 (2024)



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

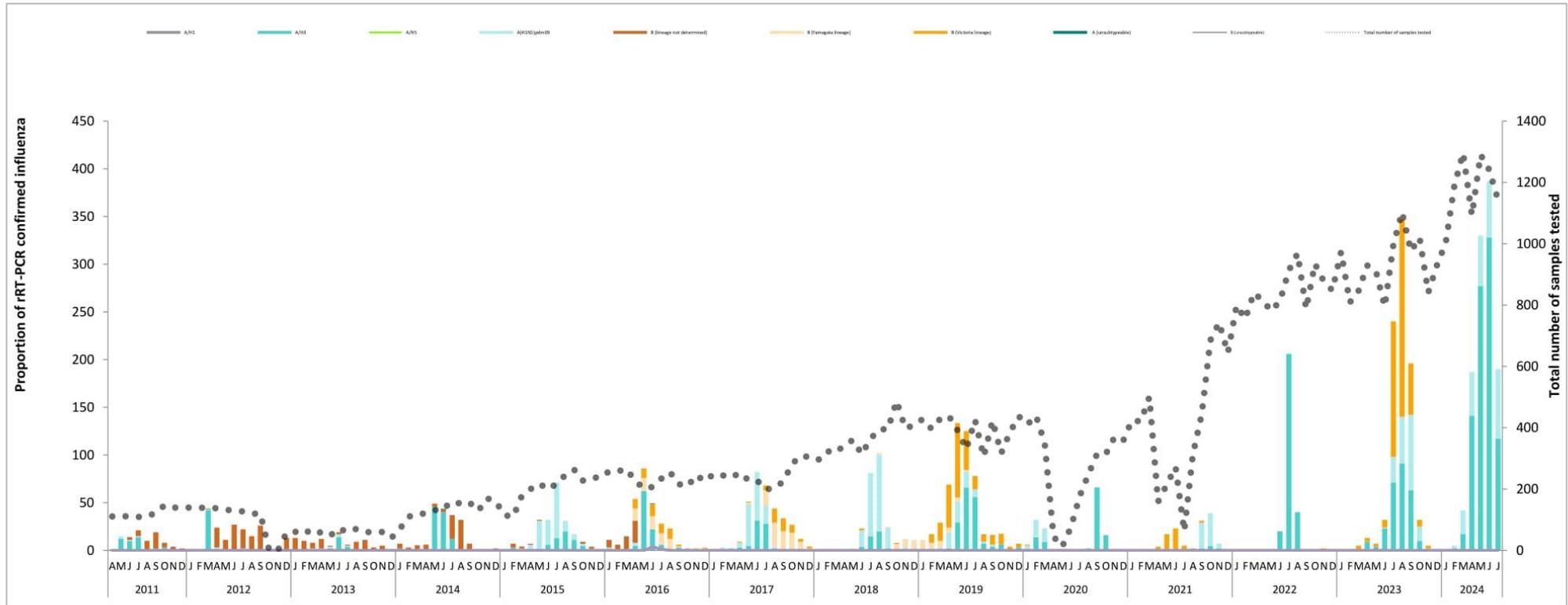
District (Site)		Initiation	Sample	Flu	Flu%	Flu A	Flu B	Flu A+B	AH1	AH3	AH1pd m09	AH5	AH3v	AH7	H1pd m09+ H3	H1pd m09+ H3,VI C	H1pd m09+ VIC	H3, VIC	B/Vic	B/Y ama
Thakurgaon(TDH)		April-2010	5819	617	10.39	469	209	3	1	336	126	0	0	0	3	0	0	1	120	20
Gaibandha*(GDH)		April-2010	189	21	11.11	9	12	0	0	6	3	0	0	0	0	0	0	0	0	0
Naogaon (NDH)		April-2010	6184	437	7.03	249	185	3	1	174	76	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	5619	391	6.58	298	92	1	0	195	103	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	6060	399	6.59	270	124	5	1	156	111	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
Habiganj (HDH)		April-2010	6700	588	8.30	433	153	2	0	259	171	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	5716	402	7.04	295	106	1	0	190	103	0	0	0	1	0	0	0	43	14
Joypurhat (JDH)		April-2014	5421	366	6.58	236	128	2	0	162	74	0	0	0	0	0	2	0	95	15
Patuakhali (PDH)		April-2014	6261	545	8.57	411	128	6	0	276	91	0	0	0	3	0	1	2	98	14
DMCH (DMC)		Jan-2015	5417	325	5.91	246	76	3	0	156	132	0	0	0	1	0	0	2	76	9
Gazipur (GMCH)		Aug-2015	5607	513	8.90	385	126	2	0	279	105	0	0	0	0	0	2	0	100	26
Total			60811	4841	07.79	3390	1487	28	5	2248	1123	0	0	0	11	2	7	14	869	162

*Surveillance Sites have been closed

National Influenza Surveillance, Bangladesh (NISB)

Influenza Seasonality Graph

April 2011 – July 2024



Summary: July 2024

- Weekly Sample Transportation: Done
- Total Sample Collected ILI: 641 SARI: 502
- Total flu positive: 190
- Flu positivity: 16.62%
- Total Covid-19 Positive: 33
- Covid-19 Positivity: 02.89%