



Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

June 2025

Hospital based influenza surveillance
Monthly hospital-wise influenza lab results
June 2025

Hospital	District	Sample	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	Flu A/H7	Flu A/ (H1N1)pdm09	Flu B Yamagata	Flu B Victoria
JIMCH	Kishoregonj	95	26	27	12	14	0	0	10	0	0	2	0	14
RMCH	Rajshahi	39	0	0	0	0	0	0	0	0	0	0	0	0
CuMCH	Cumilla	36	14	39	2	12	0	0	0	0	0	2	0	12
KMCH	Khulna	24	11	46	5	6	0	0	4	0	0	1	0	6
JGH	Jashore	71	24	34	4	20	0	0	3	0	0	1	0	20
JRRMCH	Sylhet	83	35	42	14	21	0	0	14	0	0	0	0	21
SBMCH	Barishal	50	21	42	7	14	0	0	4	0	0	3	0	14
CMCH	Chattogram	100	30	30	7	23	0	0	4	0	0	3	0	23
DjmCH	Dinajpur	69	4	6	0	4	0	0	0	0	0	0	0	4
		567	165	29	51	114	0	0	39	0	0	12	0	114

Hospital based influenza surveillance

Monthly enrollment by different wards (Medicine, Pediatrics and CCU)

June 2025

Hospital	District	Medicine ward			Pediatrics ward (≤12 years of age)			Coronary Care Unit (CCU)		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
JIMCH	Kishoregonj	51	14	27	43	12	28	1	0	0
RMCH	Rajshahi	21	0	0	18	0	0	0	0	0
CuMCH	Cumilla	18	6	33	18	8	44	0	0	0
KMCH	Khulna	19	11	58	5	0	0	0	0	0
JGH	Jashore	39	15	38	32	9	28	0	0	0
JRRMCH	Sylhet	47	17	36	34	17	50	2	1	50
SBMCH	Barishal	16	5	31	34	16	47	0	0	0
CMCH	Chattogram	50	12	24	50	18	36	0	0	0
DjMCH	Dinajpur	34	1	3	35	3	9	0	0	0
		295	81	27	269	83	31	3	1	33

Hospital based influenza surveillance
Monthly enrollment by different surveillance groups
June 2025

Hospital	District	SARI (aged ≥ 5 years)			SARI (aged < 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
JIMCH	Kishoregonj	38	15	39	21	7	33	36	4	11
RMCH	Rajshahi	23	0	0	16	0	0	-	-	-
CuMCH	Cumilla	25	10	40	11	4	36	-	-	-
KMCH	Khulna	19	11	58	5	0	0	-	-	-
JGH	Jashore	21	7	33	13	4	31	37	13	35
JRRMCH	Sylhet	28	14	50	19	8	42	36	13	36
SBMCH	Barishal	27	12	44	23	9	39	-	-	-
CMCH	Chattogram	40	9	23	22	7	32	38	14	37
DjMCH	Dinajpur	16	0	0	15	0	0	38	4	11
		237	78	33	145	39	27	185	48	26

Hospital based influenza surveillance
Influenza results by different age groups
June 2025

Age groups	June 2025									Initiation—June 2025								
	SARI (aged ≥ 5 years)			ILI [†]			SARI (aged < 5 years)			SARI (aged ≥ 5 years)			ILI [†]			SARI (aged < 5 years)		
	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
<1 Year	-	-	-	8	1	13	79	13	16	-	-	-	3,011	199	7	12,677	764	6
1-4 Years	-	-	-	20	3	15	66	26	39	-	-	-	5,240	742	14	6,062	890	15
5-14 Years	68	33	49	39	15	38	-	-	-	6,093	1286	21	3,566	770	22	-	-	-
15-24 Years	47	17	36	44	11	25	-	-	-	5,966	1342	22	3,716	675	18	-	-	-
25-39 Years	48	11	23	46	14	30	-	-	-	6,249	1182	19	3,048	463	15	-	-	-
40-59 Years	40	12	30	23	3	13	-	-	-	7,900	1239	16	2,084	274	13	-	-	-
≥ 60 Years	34	5	15	5	1	20	-	-	-	8,028	1204	15	699	71	10	-	-	-
	237	78	33	185	48	26	145	39	27	34,236	6,253	18	21,364	3,194	15	18,739	1,654	9

[†]Outpatient ILI surveillance reinitiated at JIMCH (Kishoregonj), JGH (Jashore), JRRMCH (Sylhet), CMCH (Chattogram) and MARMCH (Dinajpur) in November 2023.

Hospital based influenza surveillance

Hospital-wise influenza lab results

Surveillance initiation—June 2025

Hospital	District	Initiation	Sample	Flu	Flu %	Flu A ^ψ	Flu B ^λ	Flu A+B [‡]	Flu A/H1	Flu A/H3	Flu A/H5	Flu A/H7	Flu A/ (H1N1)pdm09	Flu B Yamagata	Flu B Victoria
DNMCH ^γ	Dhaka	Jun 2007	2,061	312	15	201	111	0	15	84	0	0	102	13	7
CBMCH ^γ	Mymensingh	Oct 2007	2,053	302	15	206	96	0	7	107	1	0	91	16	10
JIMCH	Kishoregonj	Sep 2007	9,673	1,647	17	1107	539	1	9	610	0	0	486	64	305
RMCH	Rajshahi	May 2007	5,974	647	11	446	201	0	14	272	0	0	158	39	101
SZRMCH ^γ	Bogra	Sep 2007	3,865	653	17	439	213	1	12	256	0	0	170	29	39
LAMB [†]	Dinajpur	Oct 2007	1,171	112	10	72	40	0	7	41	0	0	24	1	0
BBMH [†]	Chattogram	Aug 2007	1,440	157	11	118	39	0	13	42	0	0	63	3	0
CuMCH [†]	Cumilla	Oct 2007	7,511	919	12	615	301	3	9	328	1	0	276	28	123
KMCH	Khulna	Jul 2007	5,014	700	14	500	199	1	16	274	0	0	205	17	121
JGH ^{γ†}	Jashore	Sep 2007	7,375	1475	20	991	481	3	10	546	2	0	433	26	317
JRRMCH	Sylhet	Jul 2007	7,317	1145	16	759	384	2	16	410	0	0	332	34	207
SBMCH	Barishal	Aug 2007	8,673	1205	14	804	397	4	7	415	0	0	378	56	192
CMCH	Chattogram	Apr 2014	7,292	1138	16	795	339	4	0	400	0	0	393	41	278
DjMCH	Dinajpur	Apr 2014	4,920	689	14	463	226	0	0	268	0	0	192	28	177
			74,339	11,101	15	7,516	3,566	19	135	4,053	4	0	3,303	395	1,877

^λ Influenza B lineages initiated in January 2016

^ψ rRT-PCR result of four samples were equivocal positive for Influenza A.

^γ Three samples were co-infected with both A(H3) and A(H1N1)pdm09.

^λ Three samples were co-infected with both Influenza B (Yamagata lineage) and Influenza B (Victoria lineage), another ten samples were unsubtypeable.

[‡] Three samples were co-infected with both Influenza A(H1N1)pdm09 and Influenza B (Victoria lineage).

[†] Nine samples were co-infected with both Influenza A(H3) and Influenza B (Victoria lineage).

[†] Surveillance activities ended at LAMB (Dinajpur) and BBMH (Chittagong) in May 2016.

Outpatient ILI surveillance discontinued in October 2017.

^γ Surveillance activities ended at DNMCH (Dhaka), CBMCH (Mymensingh), SZRMCH (Bogra) and JGH (Jessore) in October 2017.

[†] Surveillance activities reinitiated at Cumilla Medical College Hospital (CuMCH), Cumilla in January 2018.

[†] Surveillance activities reinitiated at Jashore 250 bed General Hospital (JGH), Jashore in December 2018.

Note: Surveillance activities extended to the intensive care units (ICU) and coronary care unit (CCU) of the participating hospitals in January 2018.

^φ Intensive care units (ICU) surveillance discontinued in January 2019.

* One sample from CuMCH (Cumilla) and two samples from KMCH (Khulna) collected in November 2019 were not true positive for influenza A and were considered as inconclusive result. The result will be confirmed with further test through viral culture.

[†] Nine samples (one each from JIMCH, JRRMCH and DjMCH and two each from RMCH, KMCH and SBMCH) collected in December 2019 were not true positive for influenza A and were considered as inconclusive result. The result will be confirmed with further test through viral culture.

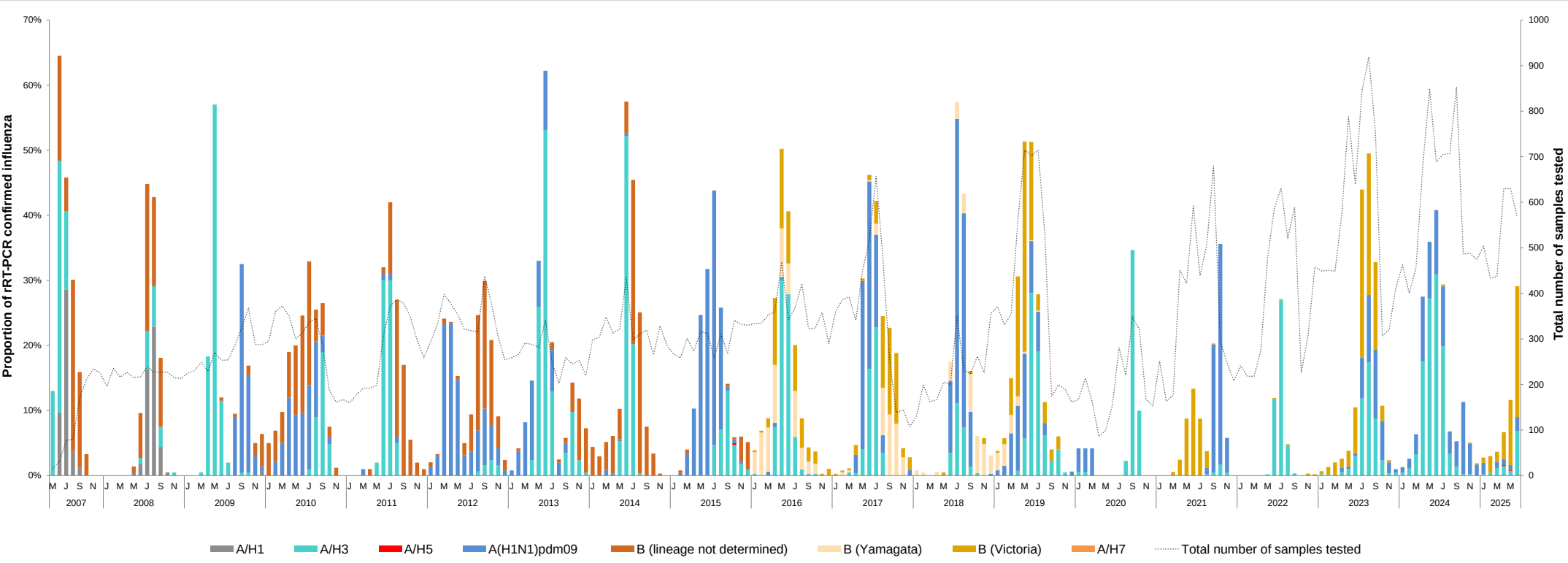
Outpatient ILI surveillance reinitiated at JRRMCH (Sylhet), CMCH (Chattogram) and DjMCH (Dinajpur) in November 2022.

Outpatient ILI surveillance reinitiated at JIMCH (Kishoregonj) and JGH (Jashore) in December 2022.

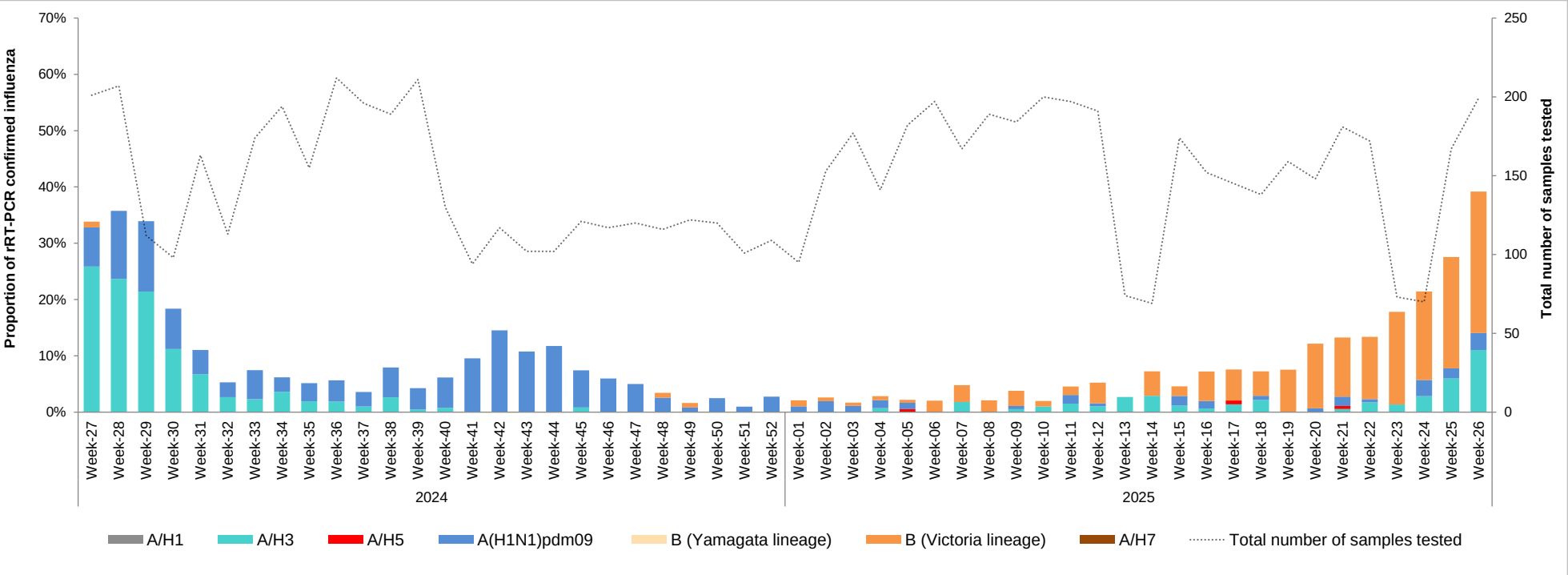
Outpatient ILI surveillance discontinued in October 2023.

Outpatient ILI surveillance reinitiated at JIMCH (Kishoregonj), JGH (Jashore), JRRMCH (Sylhet), CMCH (Chattogram) and DjMCH (Dinajpur) in November 2023.

Hospital based influenza surveillance
Influenza seasonality graph
May 2007—June 2025



Hospital based influenza surveillance
Influenza seasonality graph
Week 27 of 2024 to week 26 of 2025



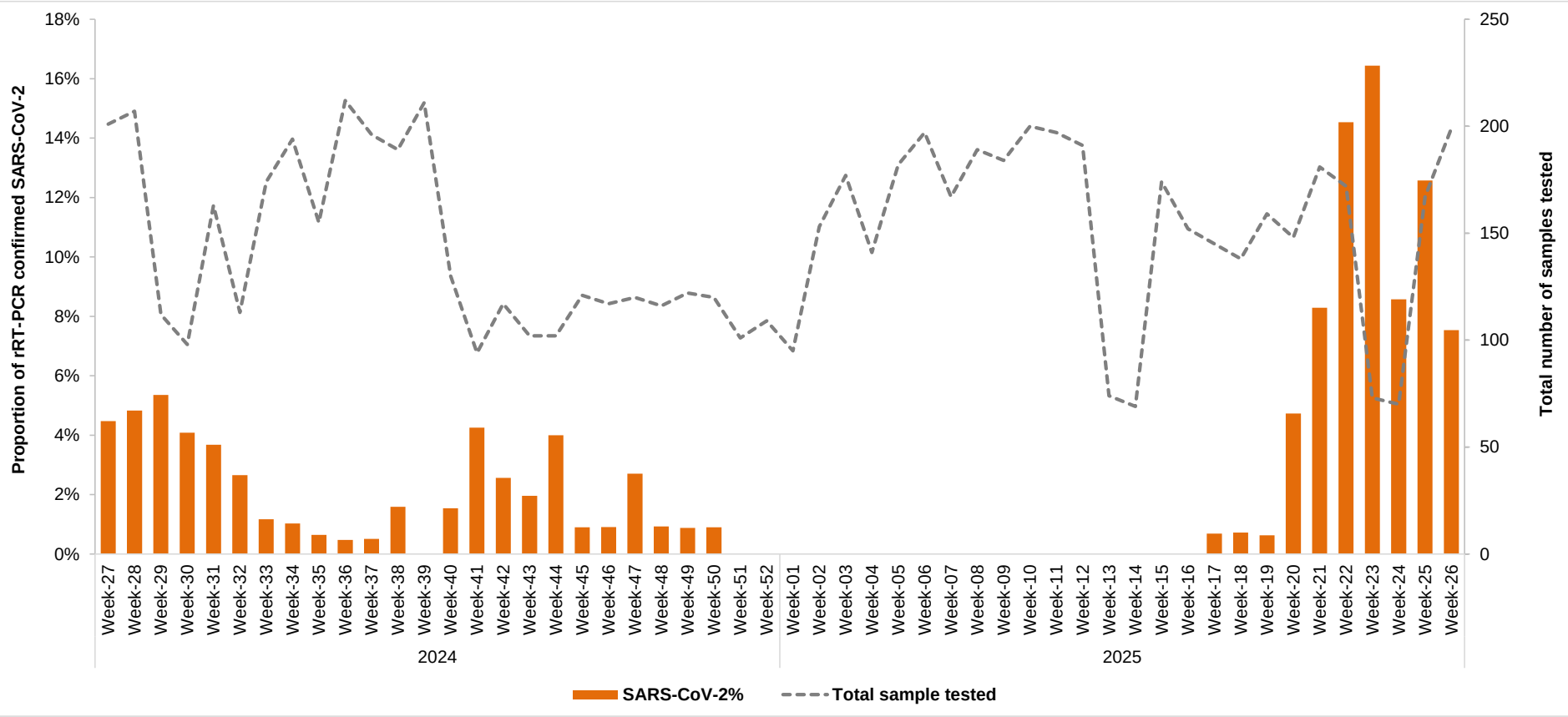
Hospital based influenza surveillance
Hospital-wise SARS-CoV-2 lab results
June 2025

Hospital	District	June 2025			March 2020—June 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
JIMCH	Kishoregonj	95	16	17	4,280	195	5
RMCH	Rajshahi	39	7	18	2,507	157	6
CuMCH	Cumilla	36	2	6	2,533	141	6
KMCH	Khulna	24	2	8	2,035	223	11
JGH	Jashore	71	15	21	3,491	256	7
JRRMCH	Sylhet	83	5	6	3,484	200	6
SBMCH	Barishal	50	3	6	3,066	194	6
CMCH	Chattogram	100	4	4	4,751	299	6
DjMCH	Dinajpur	69	10	14	3,257	163	5
		567	64	11.3	29,404	1,828	6

Hospital based influenza surveillance
SARS-CoV-2 results by different age groups
June 2025

Age groups	June 2025			March 2020—June 2025		
	Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
<1 Year	87	17	20	6386	208	3
1-4 Years	86	7	8	4645	62	1
5-14 Years	107	4	4	3,939	78	2
15-24 Years	91	15	16	3,434	176	5
25-39 Years	94	7	7	3,399	322	9
40-59 Years	63	5	8	4,077	524	13
≥ 60 Years	39	9	23	3,524	458	13
	567	64	11.3	29,404	1,828	6

Hospital based influenza surveillance
SARS-CoV-2 positivity trend by week
Week 27 of 2024 to week 26 of 2025



Hospital based influenza surveillance
Influenza and SARS-CoV-2 positivity graph
March 2020—June 2025

