



Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

May 2025

Hospital based influenza surveillance
Monthly hospital-wise influenza lab results
May 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	113	4	4	1	3	0	0	0	0	0	1	0	3
RMCH	Rajshahi	51	1	2	1	0	0	0	0	0	0	1	0	0
CuMCH	Cumilla	53	11	21	1	10	0	0	0	1	0	0	0	10
KMCH	Khulna	25	2	8	0	2	0	0	0	0	0	0	0	2
JGH	Jashore	76	5	7	1	4	0	0	1	0	0	0	0	4
JRRMCH	Sylhet	104	11	11	4	7	0	0	4	0	0	0	0	7
SBMCH	Barishal	56	12	21	1	11	0	0	0	0	0	1	0	11
CMCH	Chattogram	119	33	28	2	31	0	0	0	0	0	2	0	31
DjMCH	Dinajpur	83	0	0	0	0	0	0	0	0	0	0	0	0
		680	79	12	11	68	0	0	5	1	0	5	0	68

Hospital based influenza surveillance

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

May 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	47	1	2	63	3	5	3	0	0
RMCH	Rajshahi	29	1	3	22	0	0	0	0	0
CuMCH	Cumilla	26	4	15	26	7	27	1	0	0
KMCH	Khulna	7	1	14	18	1	6	0	0	0
JGH	Jashore	40	3	8	35	2	6	1	0	0
JRRMCH	Sylhet	45	6	13	58	5	9	1	0	0
SBMCH	Barishal	19	4	21	37	8	22	0	0	0
CMCH	Chattogram	64	18	28	55	15	27	0	0	0
DjMCH	Dinajpur	36	0	0	47	0	0	0	0	0
		313	38	12	361	41	11	6	0	0

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

Hospital	District	SARI (aged ≥ 5 years)			SARI (aged < 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
JIMCH	Kishoregonj	31	1	3	34	3	9	48	0	0
RMCH	Rajshahi	32	1	3	19	0	0	-	-	-
CuMCH	Cumilla	35	6	17	18	5	28	-	-	-
KMCH	Khulna	10	2	20	15	0	0	-	-	-
JGH	Jashore	17	2	12	11	1	9	48	2	4
JRRMCH	Sylhet	29	6	21	32	2	6	43	3	7
SBMCH	Barishal	26	8	31	30	4	13	-	-	-
CMCH	Chattogram	43	7	16	28	5	18	48	21	44
DjMCH	Dinajpur	14	0	0	23	0	0	46	0	0
		237	33	14	210	20	10	233	26	11

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

Age groups	May 2025									Initiation—May 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	-	-	-	12	1	8	109	3	3	-	-	-	3,003	198	7	12,322	748	6
1-4 Years	-	-	-	34	4	12	101	17	17	-	-	-	5,220	739	14	5,792	859	15
5-14 Years	69	11	16	48	6	13	-	-	-	5,970	1249	21	3,527	755	21	-	-	-
15-24 Years	48	7	15	48	9	19	-	-	-	5,875	1320	22	3,672	664	18	-	-	-
25-39 Years	46	6	13	48	3	6	-	-	-	6,157	1169	19	3,002	449	15	-	-	-
40-59 Years	45	6	13	31	3	10	-	-	-	7,797	1225	16	2,061	271	13	-	-	-
≥ 60 Years	29	3	10	12	0	0	-	-	-	7,915	1199	15	694	70	10	-	-	-
	237	33	14	233	26	11	210	20	10	33,714	6,162	18	21,179	3,146	15	18,114	1,607	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—May 2025

Hospital	District	Initiation	Sample	Flu	Flu %	Flu A ^ψ	Flu B ^λ	Flu A+B ^τ	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	9,477	1,616	17	1094	521	1	9	599	0	0	484	64	287
RMCH	Rajshahi	May 2007	5,852	646	11	446	200	0	14	272	0	0	158	39	100
SZRMCH ^γ	Bogura	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	7,392	902	12	613	286	3	9	328	1	0	274	28	108
KMCH	Khulna	Jul 2007	4,941	688	14	494	193	1	16	269	0	0	204	17	115
JGH ^{γ†}	Jashore	Sep 2007	7,241	1450	20	987	460	3	10	543	2	0	432	26	296
JRRMCH	Sylhet	Jul 2007	7,151	1103	15	740	361	2	16	392	0	0	331	34	184
SBMCH	Barishal	Aug 2007	8,515	1183	14	797	382	4	7	411	0	0	375	56	177
CMCH	Chattogram	Apr 2014	7,070	1107	16	788	315	4	0	396	0	0	390	41	254
DjMCH	Dinajpur	Apr 2014	4,778	684	14	462	222	0	0	268	0	0	191	28	173
			73,007	10,915	15	7,457	3,439	19	135	4,008	4	0	3,289	395	1,750

^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.

^τ 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.

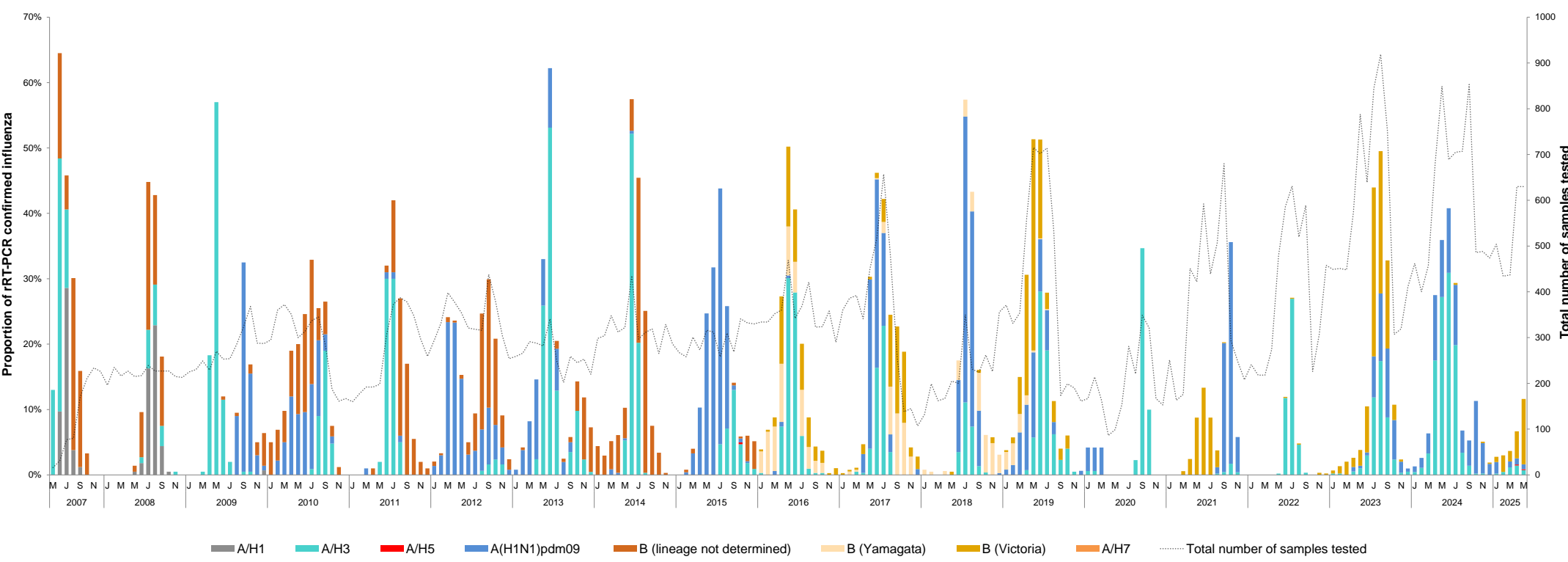
Outpatient ILI surveillance reinitiated at JRRMCH (Sylhet), CMCH (Chattogram) and DjMCH (Dinajpur) in November 2022.

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

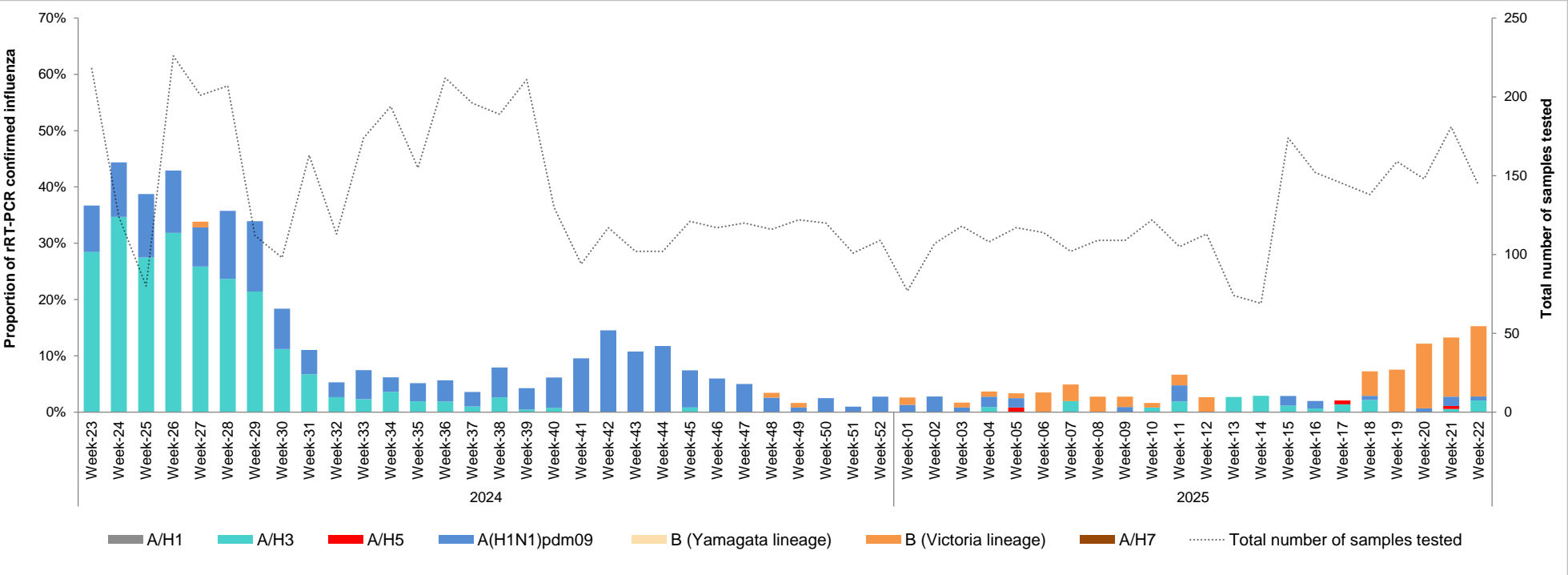
Outpatient ILI surveillance discontinued in October 2023.

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

May 2007—May 2025



Hospital based influenza surveillance
Influenza seasonality graph
Week 23 of 2024 to week 22 of 2025



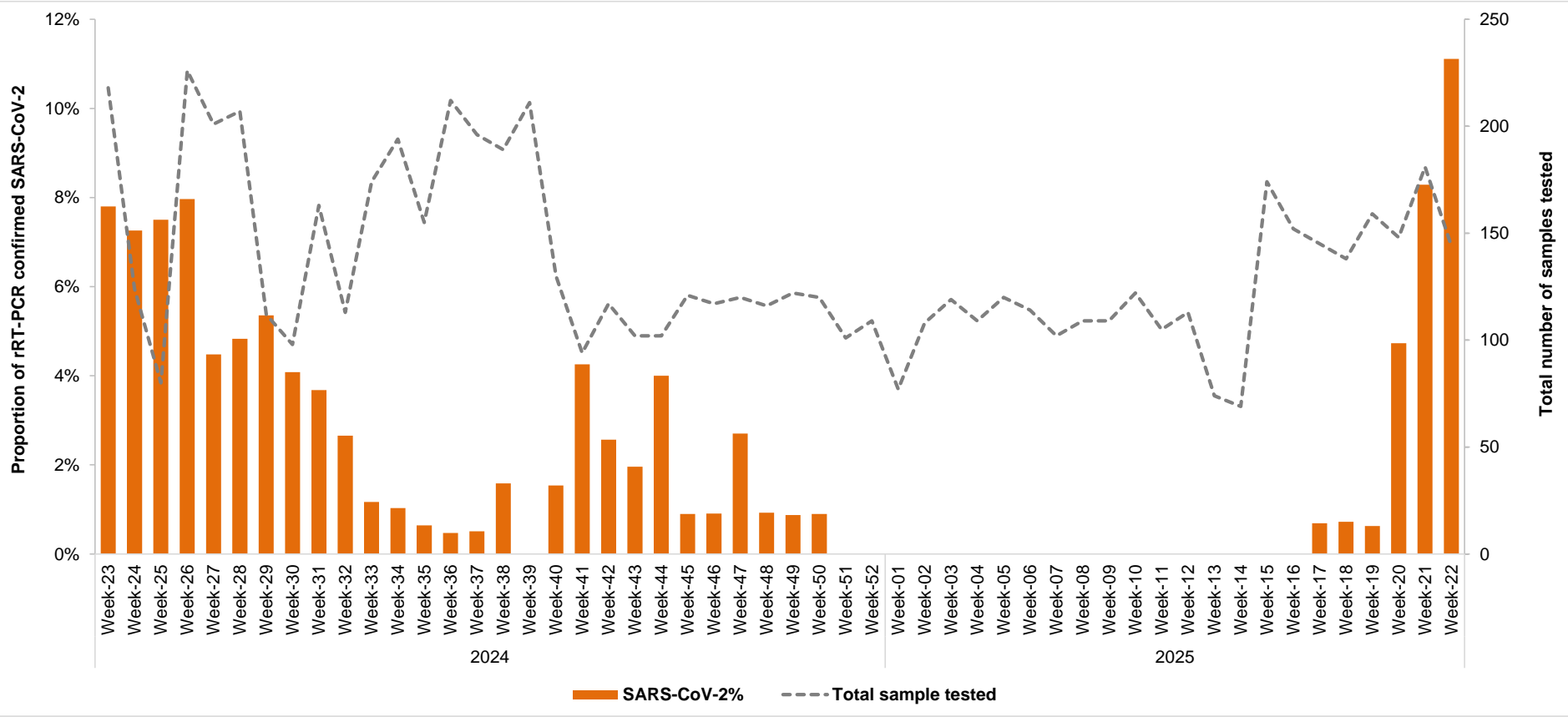
Hospital based influenza surveillance
Hospital-wise SARS-CoV-2 lab results
May 2025

Hospital	District	May 2025			March 2020—May 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
JIMCH	Kishoregonj	113	7	6	4,084	179	4
RMCH	Rajshahi	51	1	2	2,385	150	6
CuMCH	Cumilla	53	1	2	2,414	139	6
KMCH	Khulna	25	2	8	1,962	221	11
JGH	Jashore	76	13	17	3,356	241	7
JRRMCH	Sylhet	104	2	2	3,318	195	6
SBMCH	Barishal	56	5	9	2,908	191	7
CMCH	Chattogram	119	9	8	4,529	295	7
DjMCH	Dinajpur	83	0	0	3,115	153	5
		680	40	5.9	28,071	1,764	6

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

Age groups	May 2025			March 2020—May 2025		
	Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
<1 Year	121	6	5	6022	191	3
1-4 Years	135	5	4	4355	55	1
5-14 Years	117	4	3	3,777	74	2
15-24 Years	96	10	10	3,299	161	5
25-39 Years	94	6	6	3,261	315	10
40-59 Years	76	6	8	3,951	519	13
≥ 60 Years	41	3	7	3,406	449	13
	680	40	5.9	28,071	1,764	6

Hospital based influenza surveillance
SARS-CoV-2 positivity trend by week
Week 23 of 2024 to week 22 of 2025



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

