



Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

August 2025

Hospital based influenza surveillance
Monthly hospital-wise influenza lab results
August 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	145	94	65	50	44	0	0	40	0	0	10	0	44
RMCH	Rajshahi	51	20	39	16	4	0	0	12	0	0	4	0	4
CuMCH	Cumilla	58	34	59	20	14	0	0	15	0	0	5	0	14
KMCH	Khulna	47	27	57	21	6	0	0	12	0	0	9	0	6
JGH	Jashore	105	82	78	51	29	2	0	28	0	0	22	0	29
JRRMCH	Sylhet	105	65	62	44	21	0	0	24	1	0	18	0	21
SBMCH	Barishal	62	32	52	20	12	0	0	15	0	0	5	0	12
CMCH	Chattogram	132	37	28	30	7	0	0	23	0	0	7	0	7
DjMCH	Dinajpur	96	67	70	49	18	0	0	21	0	0	28	0	18
		801	458	57	301	155	2	0	190	1	0	108	0	155

Hospital based influenza surveillance

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

August 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	79	46	58	64	48	75	2	0	0
RMCH	Rajshahi	31	11	35	20	9	45	0	0	0
CuMCH	Cumilla	24	10	42	30	22	73	4	2	50
KMCH	Khulna	35	19	54	12	8	67	0	0	0
JGH	Jashore	56	39	70	49	43	88	0	0	0
JRRMCH	Sylhet	49	29	59	51	33	65	5	3	60
SBMCH	Barishal	30	16	53	32	16	50	0	0	0
CMCH	Chattogram	66	13	20	66	24	36	0	0	0
DjMCH	Dinajpur	39	26	67	57	41	72	0	0	0
		409	209	51	381	244	64	11	5	45

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

Hospital	District	SARI (aged ≥ 5 years)			SARI (aged < 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
JIMCH	Kishoregonj	63	42	67	31	24	77	51	28	55
RMCH	Rajshahi	34	12	35	17	8	47	-	-	-
CuMCH	Cumilla	35	19	54	23	15	65	-	-	-
KMCH	Khulna	36	20	56	11	7	64	-	-	-
JGH	Jashore	36	26	72	21	17	81	48	39	81
JRRMCH	Sylhet	32	19	59	30	20	67	43	26	60
SBMCH	Barishal	32	18	56	30	14	47	-	-	-
CMCH	Chattogram	52	8	15	32	9	28	48	20	42
DjMCH	Dinajpur	25	18	72	23	16	70	48	33	69
		345	182	53	218	130	60	238	146	61

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

Age groups	August 2025									Initiation—August 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	-	-	-	5	3	60	88	35	40	-	-	-	3,022	204	7	12,855	842	7
1-4 Years	-	-	-	39	31	79	130	95	73	-	-	-	5,322	806	15	6,330	1093	17
5-14 Years	71	45	63	56	40	71	-	-	-	6,274	1409	22	3,668	844	23	-	-	-
15-24 Years	63	31	49	63	29	46	-	-	-	6,117	1435	23	3,863	764	20	-	-	-
25-39 Years	69	41	59	39	26	67	-	-	-	6,400	1271	20	3,129	516	16	-	-	-
40-59 Years	79	32	41	27	13	48	-	-	-	8,052	1316	16	2,136	300	14	-	-	-
≥ 60 Years	63	33	52	9	4	44	-	-	-	8,138	1271	16	711	77	11	-	-	-
	345	182	53	238	146	61	218	130	60	34,981	6,702	19	21,851	3,511	16	19,185	1,935	10

[‡]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—August 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	9,962	1,852	19	1229	622	1	9	714	0	0	504	64	388
RMCH	Rajshahi	May 2007	6,076	685	11	471	214	0	14	293	0	0	162	39	114
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	7,650	1020	13	670	347	3	9	378	1	0	281	28	169
KMCH	Khulna	Jul 2007	5,098	754	15	541	211	2	16	298	0	0	222	17	133
JGH ^{γ†}	Jashore	Sep 2007	7,607	1663	22	1106	552	5	10	633	2	0	460	26	388
JRRMCH	Sylhet	Jul 2007	7,544	1301	17	856	442	3	16	484	1	0	353	34	265
SBMCH	Barishal	Aug 2007	8,822	1294	15	853	437	4	7	454	0	0	388	56	232
CMCH	Chattogram	Apr 2014	7,569	1252	17	874	374	4	0	464	0	0	408	41	313
DjMCH	Dinajpur	Apr 2014	5,099	791	16	535	255	1	0	301	0	0	231	28	206
			76,017	12,148	16	8,171	3,953	24	135	4,549	5	0	3,459	395	2,264

^λ Influenza B lineages initiated in January 2016

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

^ψ 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.

^γ 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.

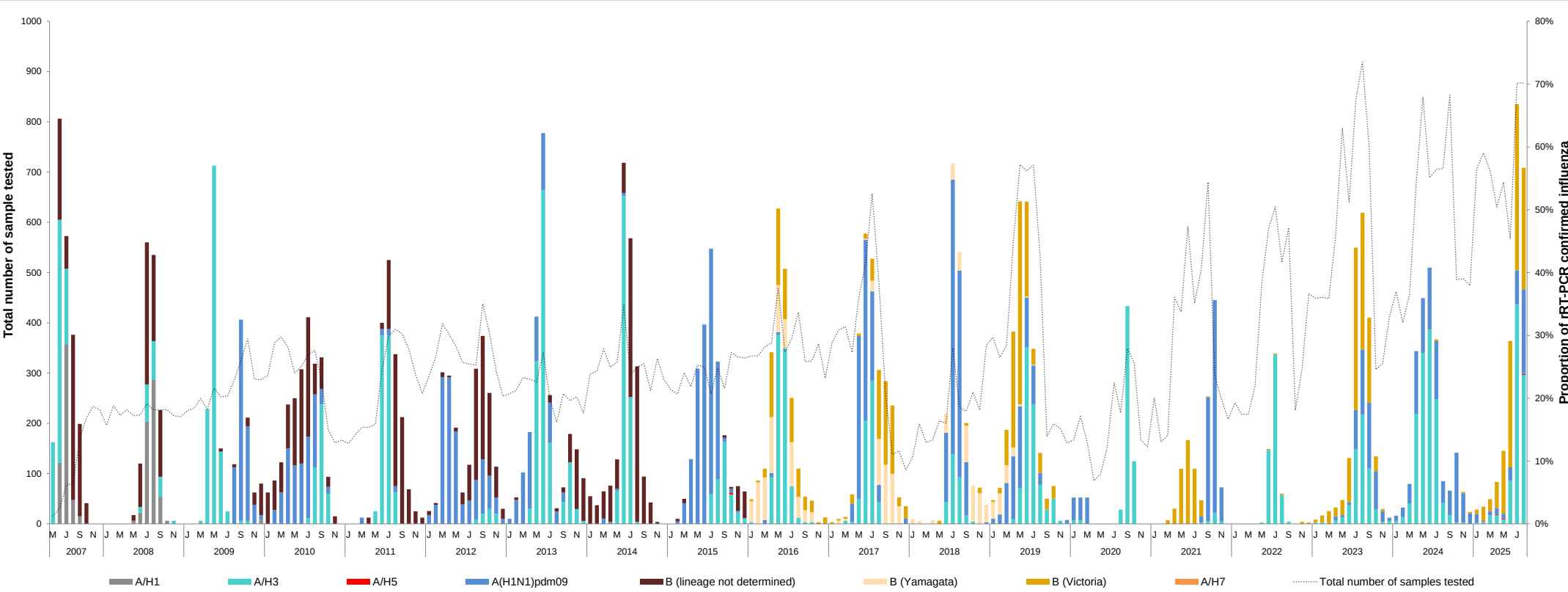
Outpatient ILI surveillance reinitiated at JRRMCH (Sylhet), CMCH (Chattogram) and DjMCH (Dinajpur) in November 2022.

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

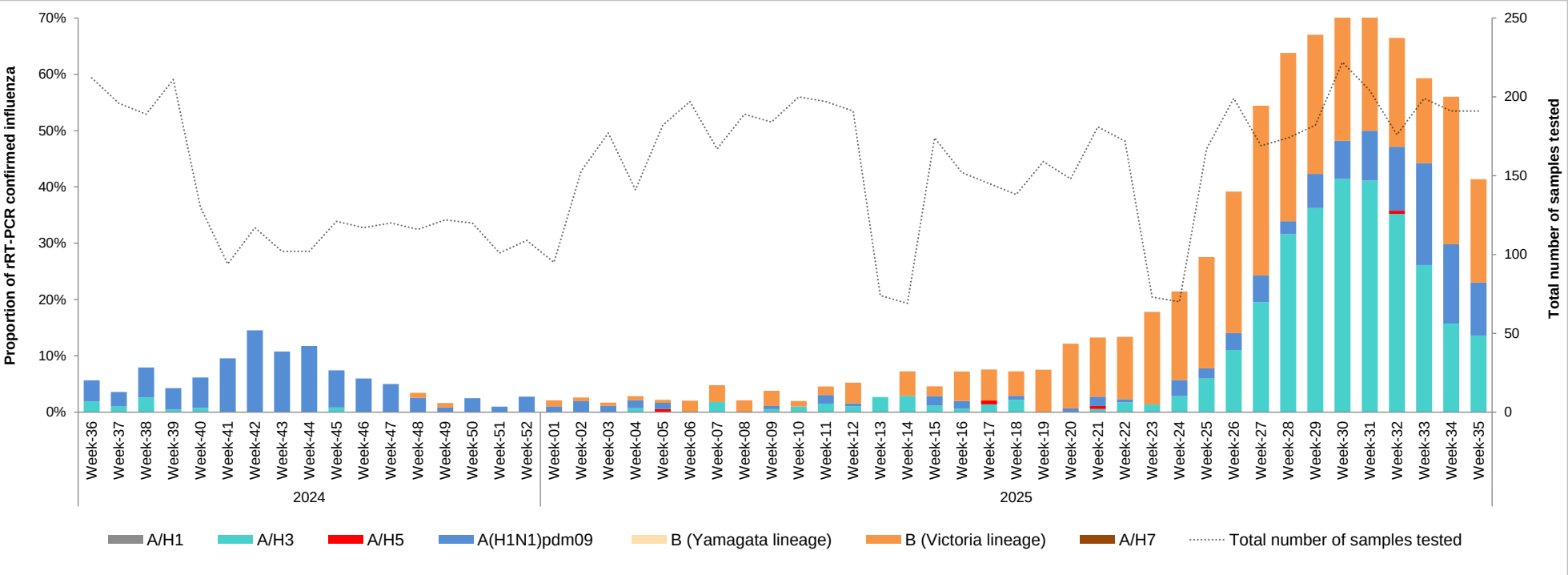
Outpatient ILI surveillance discontinued in October 2023.

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

May 2007—August 2025



Hospital based influenza surveillance
Influenza seasonality graph
Week 36 of 2024 to week 35 of 2025



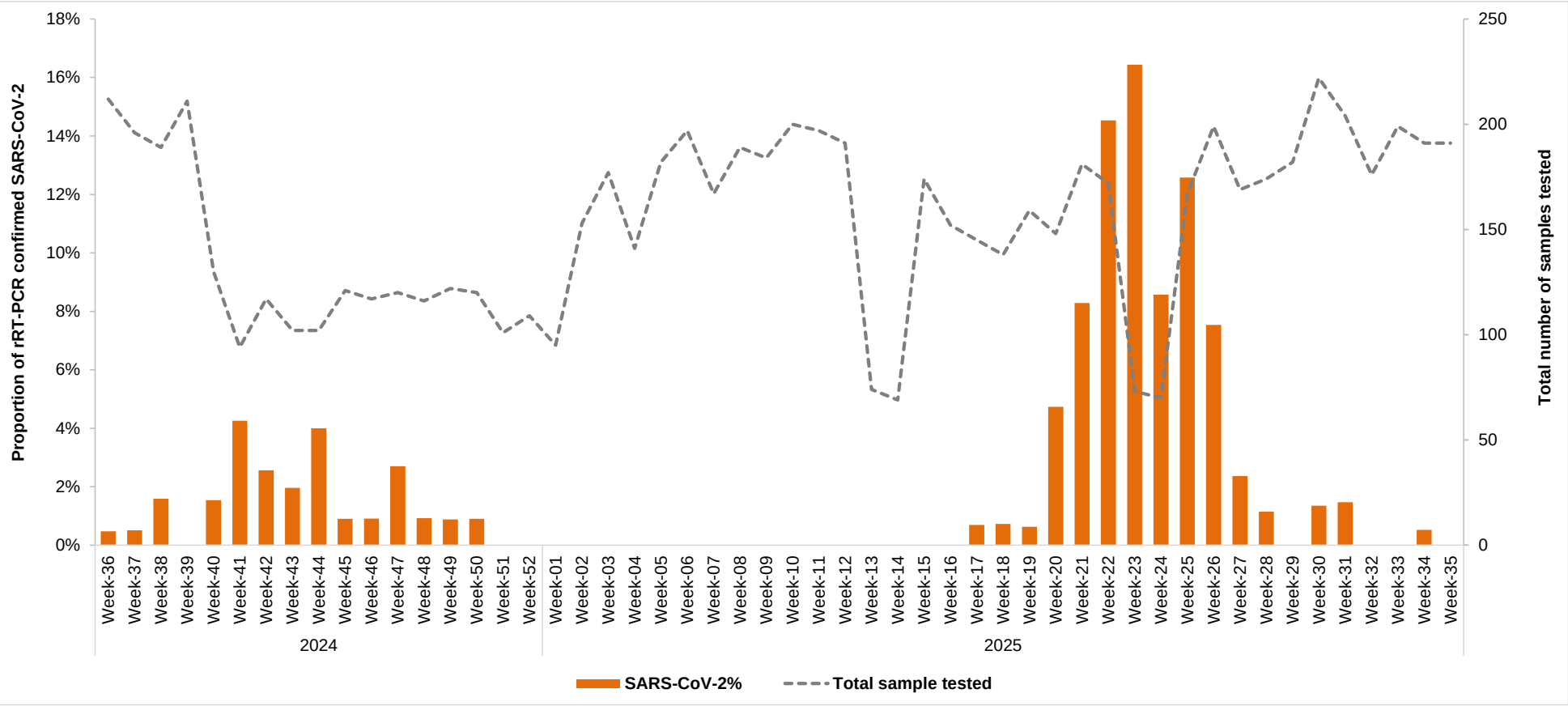
Hospital based influenza surveillance
Hospital-wise SARS-CoV-2 lab results
August 2025

Hospital	District	August 2025			March 2020—August 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
JIMCH	Kishoregonj	145	1	1	4,569	197	4
RMCH	Rajshahi	51	0	0	2,609	158	6
CuMCH	Cumilla	58	0	0	2,672	141	5
KMCH	Khulna	47	0	0	2,119	223	11
JGH	Jashore	105	0	0	3,723	258	7
JRRMCH	Sylhet	105	0	0	3,711	200	5
SBMCH	Barishal	62	0	0	3,215	196	6
CMCH	Chattogram	132	0	0	5,028	299	6
DjMCH	Dinajpur	96	0	0	3,436	168	5
		801	1	0.1	31,082	1,840	6

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

Age groups	August 2025			March 2020—August 2025		
	Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
<1 Year	93	0	0	6575	211	3
1-4 Years	169	1	1	4995	65	1
5-14 Years	127	0	0	4,222	81	2
15-24 Years	126	0	0	3,732	177	5
25-39 Years	108	0	0	3,631	324	9
40-59 Years	106	0	0	4,281	524	12
≥ 60 Years	72	0	0	3,646	458	13
	801	1	0.1	31,082	1,840	6

Hospital based influenza surveillance
SARS-CoV-2 positivity trend by week
Week 36 of 2024 to week 35 of 2025



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

