



Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

July 2025

Hospital based influenza surveillance
Monthly hospital-wise influenza lab results
July 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	144	111	77	72	39	0	0	64	0	0	8	0	39
RMCH	Rajshahi	51	18	35	9	9	0	0	9	0	0	0	0	9
CuMCH	Cumilla	81	67	83	35	32	0	0	35	0	0	0	0	32
KMCH	Khulna	37	27	73	20	6	1	0	12	0	0	8	0	6
JGH	Jashore	127	106	83	64	42	0	0	59	0	0	5	0	42
JRRMCH	Sylhet	122	91	75	53	37	1	0	50	0	0	3	0	37
SBMCH	Barishal	87	57	66	29	28	0	0	24	0	0	5	0	28
CMCH	Chattogram	145	77	53	49	28	0	0	41	0	0	8	0	28
DjMCH	Dinajpur	83	35	42	23	11	1	0	12	0	0	11	0	11
		877	589	67	354	232	3	0	306	0	0	48	0	232

Hospital based influenza surveillance

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

July 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	74	51	69	67	58	87	3	2	67
RMCH	Rajshahi	33	10	30	18	8	44	0	0	0
CuMCH	Cumilla	38	26	68	43	41	95	0	0	0
KMCH	Khulna	19	15	79	18	12	67	0	0	0
JGH	Jashore	77	68	88	50	38	76	0	0	0
JRRMCH	Sylhet	66	50	76	54	39	72	2	2	100
SBMCH	Barishal	39	24	62	48	33	69	0	0	0
CMCH	Chattogram	73	38	52	72	39	54	0	0	0
DjMCH	Dinajpur	39	18	46	44	17	39	0	0	0
		458	300	66	414	285	69	5	4	80

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

Hospital	District	SARI (aged ≥ 5 years)			SARI (aged < 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
JIMCH	Kishoregonj	59	46	78	35	29	83	50	36	72
RMCH	Rajshahi	35	12	34	16	6	38	-	-	-
CuMCH	Cumilla	48	35	73	33	32	97	-	-	-
KMCH	Khulna	25	20	80	12	7	58	-	-	-
JGH	Jashore	58	50	86	17	13	76	52	43	83
JRRMCH	Sylhet	47	42	89	26	16	62	49	33	67
SBMCH	Barishal	48	33	69	39	24	62	-	-	-
CMCH	Chattogram	56	21	38	37	20	54	52	36	69
DjMCH	Dinajpur	24	8	33	13	4	31	46	23	50
		400	267	67	228	151	66	249	171	69

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

Age groups	July 2025									Initiation—July 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	-	-	-	6	2	33	90	43	48	-	-	-	3,017	201	7	12,767	807	6
1-4 Years	-	-	-	43	33	77	138	108	78	-	-	-	5,283	775	15	6,200	998	16
5-14 Years	110	78	71	46	34	74	-	-	-	6,203	1364	22	3,612	804	22	-	-	-
15-24 Years	88	62	70	84	60	71	-	-	-	6,054	1404	23	3,800	735	19	-	-	-
25-39 Years	82	48	59	42	27	64	-	-	-	6,331	1230	19	3,090	490	16	-	-	-
40-59 Years	73	45	62	25	13	52	-	-	-	7,973	1284	16	2,109	287	14	-	-	-
≥ 60 Years	47	34	72	3	2	67	-	-	-	8,075	1238	15	702	73	10	-	-	-
	400	267	67	249	171	69	228	151	66	34,636	6,520	19	21,613	3,365	16	18,967	1,805	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—July 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	9,817	1,758	18	1179	578	1	9	674	0	0	494	64	344
RMCH	Rajshahi	May 2007	6,025	665	11	455	210	0	14	281	0	0	158	39	110
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	7,592	986	13	650	333	3	9	363	1	0	276	28	155
KMCH	Khulna	Jul 2007	5,051	727	14	520	205	2	16	286	0	0	213	17	127
JGH ^{γ†}	Jashore	Sep 2007	7,502	1581	21	1055	523	3	10	605	2	0	438	26	359
JRRMCH	Sylhet	Jul 2007	7,439	1236	17	812	421	3	16	460	0	0	335	34	244
SBMCH	Barishal	Aug 2007	8,760	1262	14	833	425	4	7	439	0	0	383	56	220
CMCH	Chattogram	Apr 2014	7,437	1215	16	844	367	4	0	441	0	0	401	41	306
DjMCH	Dinajpur	Apr 2014	5,003	724	14	486	237	1	0	280	0	0	203	28	188
			75,216	11,690	16	7,870	3,798	22	135	4,359	4	0	3,351	395	2,109

^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.

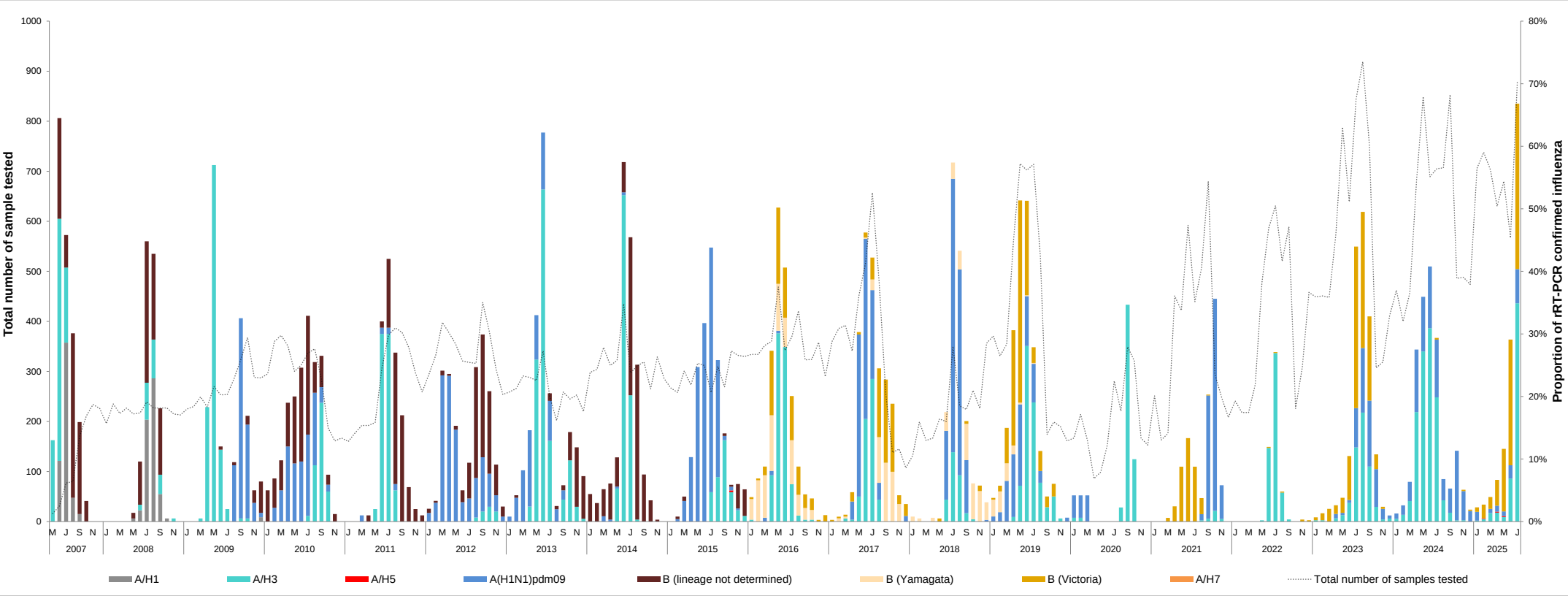
Outpatient ILI surveillance reinitiated at JRRMCH (Sylhet), CMCH (Chattogram) and DjMCH (Dinajpur) in November 2022.

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

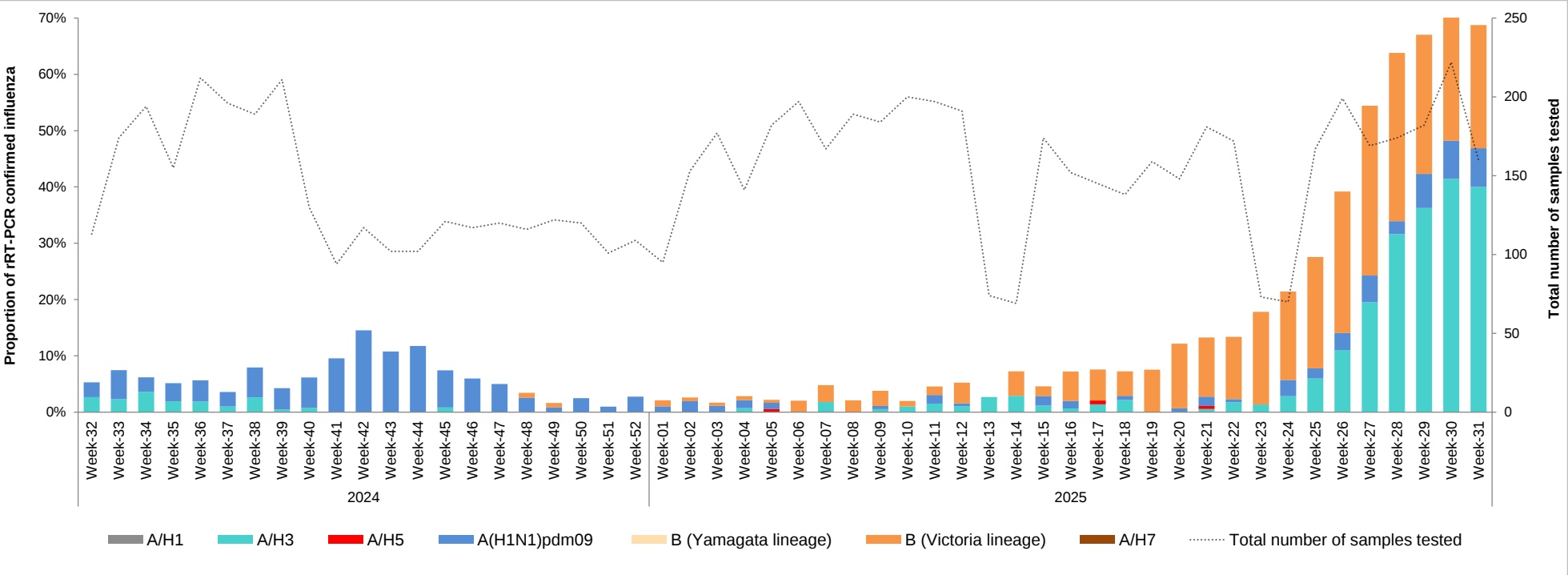
Outpatient ILI surveillance discontinued in October 2023.

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

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



Hospital based influenza surveillance
Influenza seasonality graph
Week 32 of 2024 to week 31 of 2025



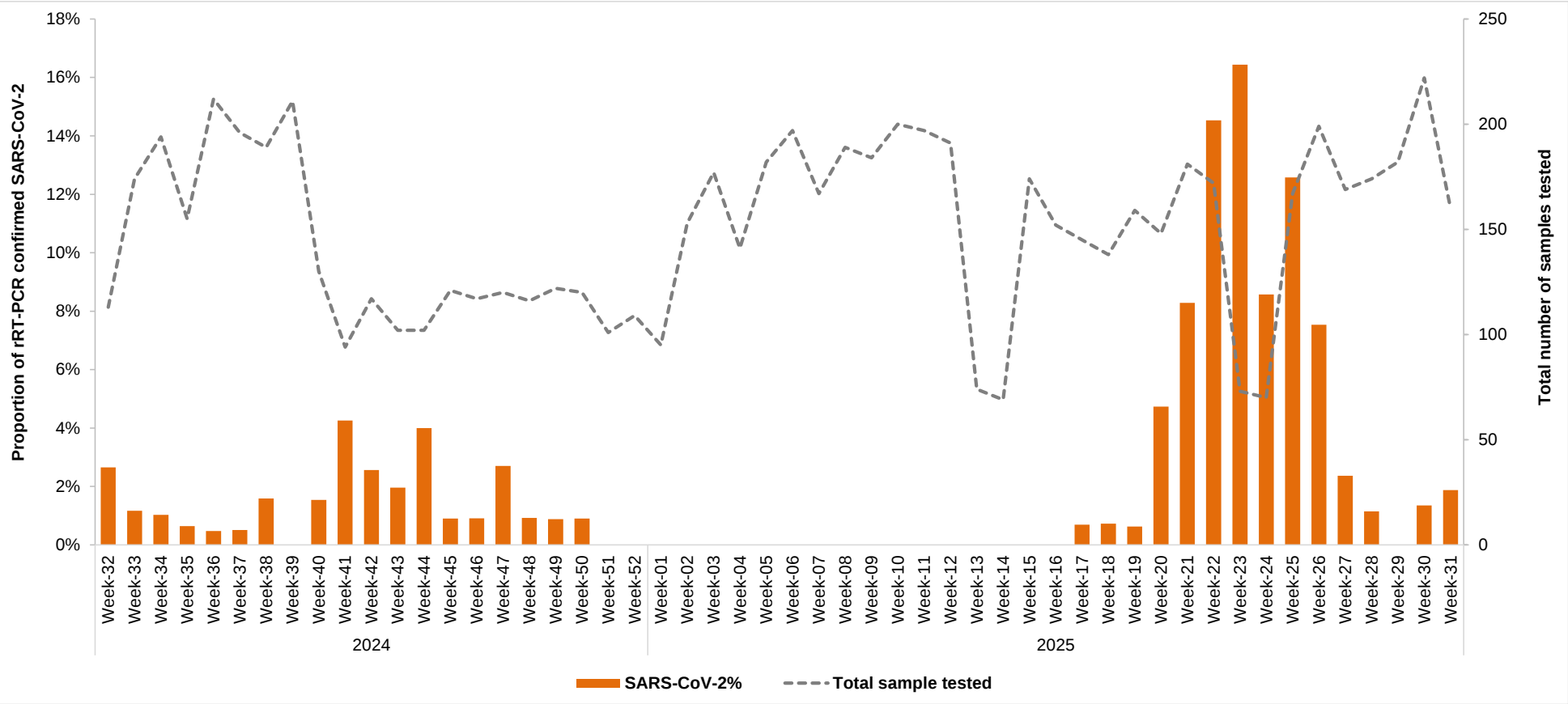
Hospital based influenza surveillance
Hospital-wise SARS-CoV-2 lab results
July 2025

Hospital	District	July 2025			March 2020—July 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
JIMCH	Kishoregonj	144	1	1	4,424	196	4
RMCH	Rajshahi	51	1	2	2,558	158	6
CuMCH	Cumilla	81	0	0	2,614	141	5
KMCH	Khulna	37	0	0	2,072	223	11
JGH	Jashore	127	2	2	3,618	258	7
JRRMCH	Sylhet	122	0	0	3,606	200	6
SBMCH	Barishal	87	2	2	3,153	196	6
CMCH	Chattogram	145	0	0	4,896	299	6
DjMCH	Dinajpur	83	5	6	3,340	168	5
		877	11	1.3	30,281	1,839	6

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

Age groups	July 2025			March 2020—July 2025		
	Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
<1 Year	96	3	3	6482	211	3
1-4 Years	181	2	1	4826	64	1
5-14 Years	156	3	2	4,095	81	2
15-24 Years	172	1	1	3,606	177	5
25-39 Years	124	2	2	3,523	324	9
40-59 Years	98	0	0	4,175	524	13
≥ 60 Years	50	0	0	3,574	458	13
	877	11	1.3	30,281	1,839	6

Hospital based influenza surveillance
SARS-CoV-2 positivity trend by week
Week 32 of 2024 to week 31 of 2025



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

