



Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

October 2025

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

Hospital	District	Sample	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	Flu A/ (H1N1)pdm09	Flu B Yamagata	Flu B Victoria
CuMCH	Cumilla	61	4	7	4	0	0	0	3	0	1	0	0
JGH	Jashore	69	1	1	0	1	0	0	0	0	0	0	1
JRRMCH	Sylhet	74	1	1	1	0	0	0	1	0	0	0	0
CMCH	Chattogram	77	2	3	2	0	0	0	2	0	0	0	0
DjMCH	Dinajpur	68	10	15	1	9	0	0	1	0	0	0	9
		349	18	5	8	10	0	0	7	0	1	0	10

Hospital based influenza surveillance

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

October 2025

Hospital	District	Medicine ward			Pediatrics ward (≤12 years of age)			Coronary Care Unit (CCU)		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
CuMCH	Cumilla	36	1	3	23	3	13	2	0	0
JGH	Jashore	36	1	3	33	0	0	0	0	0
JRRMCH	Sylhet	43	1	2	28	0	0	3	0	0
CMCH	Chattogram	42	0	0	35	2	6	0	0	0
DjMCH	Dinajpur	32	2	6	36	8	22	0	0	0
		189	5	3	155	13	8	5	0	0

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

Hospital	District	SARI (aged ≥ 5 years)			SARI (aged < 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
CuMCH	Cumilla	24	1	4	9	0	0	28	3	11
JGH	Jashore	13	0	0	9	0	0	47	1	2
JRRMCH	Sylhet	16	0	0	11	0	0	47	1	2
CMCH	Chattogram	19	0	0	10	0	0	48	2	4
DjMCH	Dinajpur	17	5	29	9	2	22	42	3	7
		89	6	7	48	2	4	212	10	5

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

Age groups	October 2025									Initiation—October 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	-	-	-	9	1	11	21	0	0	-	-	-	3,039	206	7	12,981	846	7
1-4 Years	-	-	-	30	3	10	27	2	7	-	-	-	5,394	816	15	6,465	1119	17
5-14 Years	30	5	17	42	2	5	-	-	-	6,371	1435	23	3,757	859	23	-	-	-
15-24 Years	21	0	0	68	3	4	-	-	-	6,177	1442	23	3,986	776	19	-	-	-
25-39 Years	14	1	7	35	0	0	-	-	-	6,461	1280	20	3,205	519	16	-	-	-
40-59 Years	15	0	0	23	1	4	-	-	-	8,117	1322	16	2,183	302	14	-	-	-
≥ 60 Years	9	0	0	5	0	0	-	-	-	8,191	1275	16	722	78	11	-	-	-
	89	6	7	212	10	5	48	2	4	35,317	6,754	19	22,286	3,556	16	19,446	1,965	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—October 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	10,054	1,870	19	1230	639	1	9	714	0	0	505	64	405
RMCH [‡]	Rajshahi	May 2007	6,124	691	11	476	215	0	14	298	0	0	162	39	115
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	7,766	1028	13	676	349	3	9	383	1	0	282	28	171
KMCH [‡]	Khulna	Jul 2007	5,141	760	15	543	215	2	16	300	0	0	222	17	137
JGH ^{γ†}	Jashore	Sep 2007	7,770	1690	22	1120	565	5	10	640	2	0	467	26	401
JRRMCH	Sylhet	Jul 2007	7,716	1320	17	862	455	3	16	488	1	0	355	34	278
SBMCH [‡]	Barishal	Aug 2007	8,873	1296	15	854	438	4	7	454	0	0	389	56	233
CMCH	Chattogram	Apr 2014	7,768	1262	16	883	375	4	0	471	0	0	410	41	314
DJMCH	Dinajpur	Apr 2014	5,247	822	16	543	278	1	0	303	0	0	237	28	229
			77,049	12,275	16	8,223	4,028	24	135	4,581	5	0	3,479	395	2,339

^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.

^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.

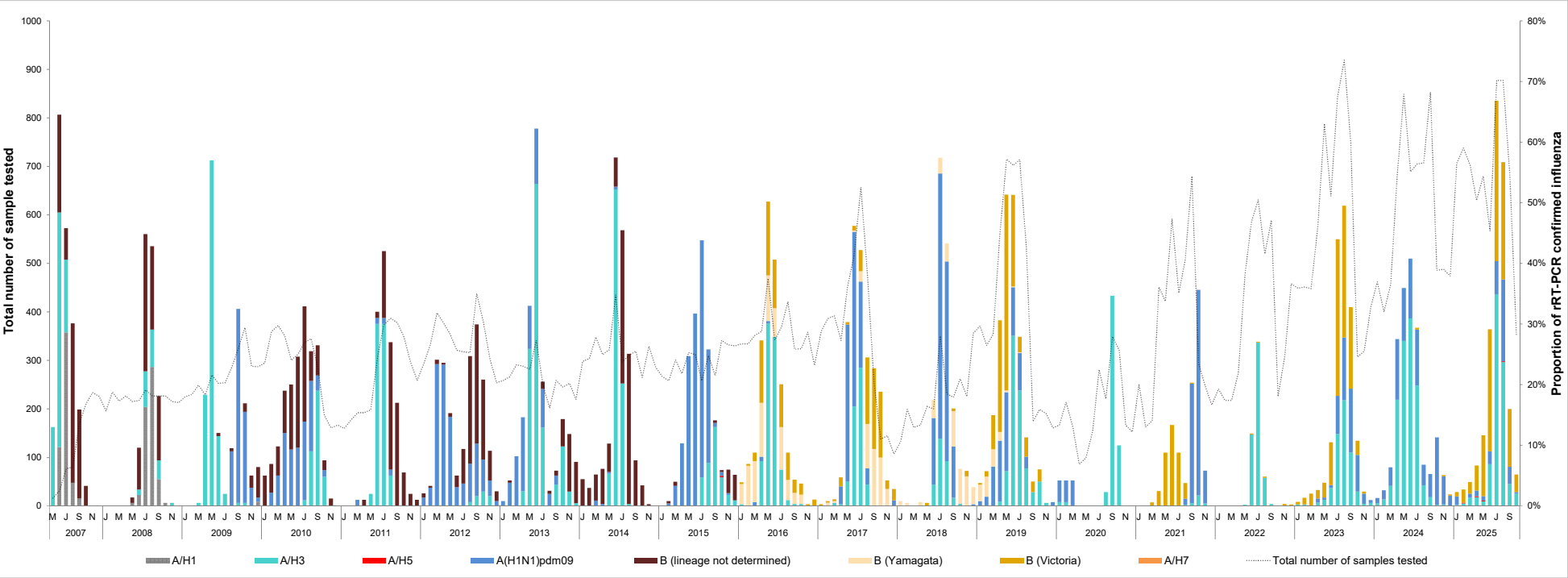
[†] Nine samples (one each from JIMCH, JRRMCH and DJMCH and two each from RMCH, KMCH and SBMCH) collected in December 2019 were not true positive for influenza A and were considered as inconclusive result. The result will be confirmed with further test through viral culture.

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.

[‡] Surveillance activities ended at JIMCH (Kishoregonj), RMCH (Rajshahi), KMCH (Khulna) and SBMCH (Barishal) in October 2025.

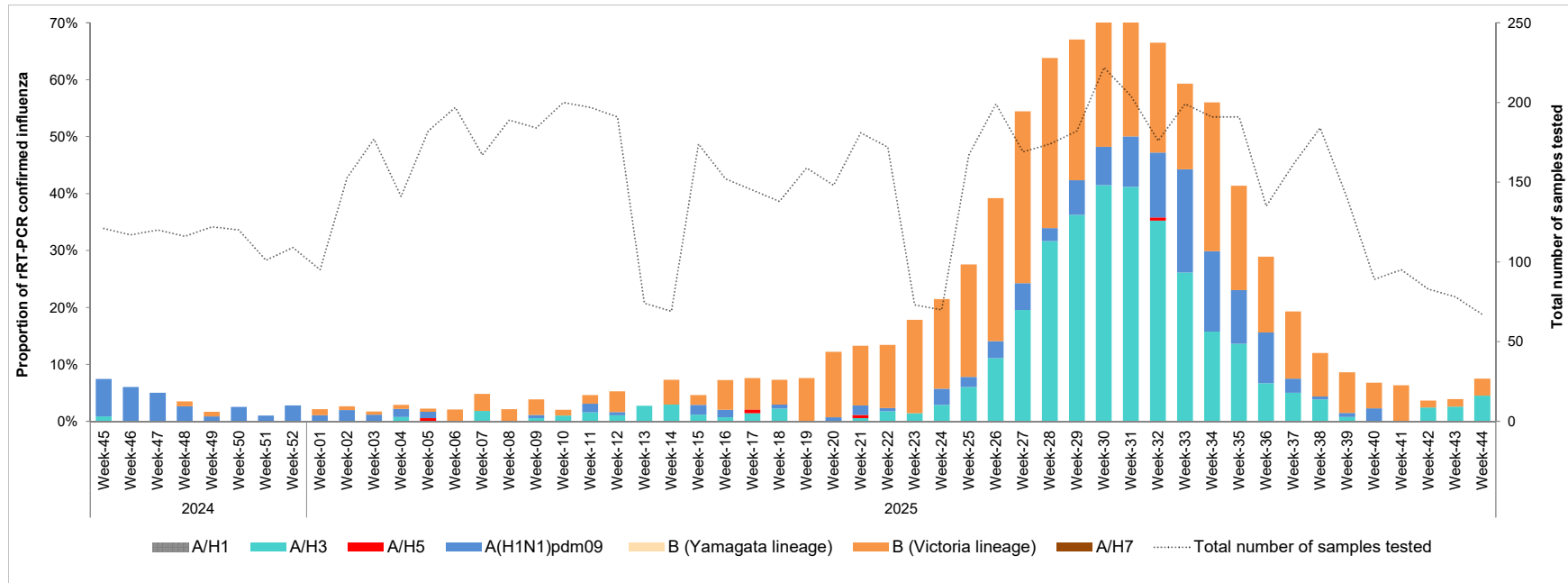
Hospital based influenza surveillance
Influenza seasonality graph
May 2007—October 2025



Hospital based influenza surveillance

Influenza seasonality graph

Week 45 of 2024 to week 44 of 2025



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

Hospital	District	October 2025			March 2020—October 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
CuMCH	Cumilla	61	0	0	2,788	141	5
JGH	Jashore	69	0	0	3,886	258	7
JRRMCH	Sylhet	74	1	1	3,883	201	5
CMCH	Chattogram	77	0	0	5,227	299	6
DjMCH	Dinajpur	68	0	0	3,584	168	5
		349	1	0	19,368	1,067	6

Hospital based influenza surveillance

Influenza and SARS-CoV-2 positivity graph

March 2020—October 2025

