

Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

December 2025

Hospital based influenza surveillance
Monthly hospital-wise influenza lab results
December 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	76	6	8	6	0	0	0	6	0	0	0	0	0
JGH	Jashore	54	0	0	0	0	0	0	0	0	0	0	0	0
JRRMCH	Sylhet	65	1	2	1	0	0	0	1	0	0	0	0	0
CMCH	Chattogram	70	0	0	0	0	0	0	0	0	0	0	0	0
DjMCH	Dinajpur	62	0	0	0	0	0	0	0	0	0	0	0	0
KGH	Dhaka	60	0	0	0	0	0	0	0	0	0	0	0	0
		387	7	2	7	0	0	0	7	0	0	0	0	0

Hospital based influenza surveillance

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

December 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	41	4	10	31	2	6	4	0	0
JGH	Jashore	29	0	0	25	0	0	0	0	0
JRRMCH	Sylhet	37	1	3	26	0	0	2	0	0
CMCH	Chattogram	37	0	0	33	0	0	0	0	0
DjMCH	Dinajpur	33	0	0	29	0	0	0	0	0
KGH	Dhaka	36	0	0	24	0	0	0	0	0
		213	5	2	168	2	1	6	0	0

Hospital based influenza surveillance

Monthly enrollment by different surveillance groups

December 2025

Hospital	District	SARI (aged \geq 5 years)			SARI (aged $<$ 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
CuMCH	Cumilla	20	3	15	8	0	0	48	3	6
JGH	Jashore	9	0	0	7	0	0	38	0	0
JRRMCH	Sylhet	14	0	0	8	0	0	43	1	0
CMCH	Chattogram	14	0	0	8	0	0	48	0	0
DjMCH	Dinajpur	9	0	0	9	0	0	44	0	0
KGH	Dhaka	14	0	0	6	0	0	40	0	0
		80	3	4	46	0	0	261	4	2

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

Age groups	December 2025						Initiation—December 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	-	-	-	14	0	0	26	0	0	-	-	-	3,064	206	7	13,029	846	6
1-4 Years	-	-	-	45	0	0	20	0	0	-	-	-	5,486	816	15	6,506	1119	17
5-14 Years	30	2	7	41	0	0	-	-	-	6,417	1437	22	3,837	859	22	-	-	-
15-24 Years	16	0	0	67	2	3	-	-	-	6,204	1442	23	4,119	778	19	-	-	-
25-39 Years	12	0	0	44	1	2	-	-	-	6,492	1280	20	3,294	521	16	-	-	-
40-59 Years	13	1	8	33	0	0	-	-	-	8,146	1323	16	2,256	302	13	-	-	-
≥ 60 Years	9	0	0	17	1	6	-	-	-	8,208	1275	16	753	79	10	-	-	-
	80	3	4	261	4	2	46	0	0	35,467	6,757	19	22,809	3,561	16	19,535	1,965	10

Hospital based influenza surveillance
Hospital-wise influenza lab results
Surveillance initiation—December 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	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 [†]	Chittagoram	Aug 2007	1,440	157	11	118	39	0	13	42	0	0	63	3	0
CuMCH [†]	Cumilla	Oct 2007	7,912	1035	13	683	349	3	9	390	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	7,889	1690	21	1120	565	5	10	640	2	0	467	26	401
JRRMCH	Sylhet	Jul 2007	7,851	1321	17	863	455	3	16	489	1	0	355	34	278
SBMCH [‡]	Barishal	Aug 2007	8,873	1296	15	854	438	4	7	454	0	0	389	56	233
CMCH	Chittagoram	Apr 2014	7,915	1262	16	883	375	4	0	471	0	0	410	41	314
DjMCH	Dinajpur	Apr 2014	5,372	822	15	543	278	1	0	303	0	0	237	28	229
KGH	Dhaka	Nov 2025	90	0	0	0	0	0	0	0	0	0	0	0	0
			77,811	12,283	16	8,231	4,028	24	135	4,589	5	0	3,479	395	2,339

^λ Influenza B lineages initiated in January 2016

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

[†]Three samples were co-infected with both A(H3) and A(H1N1)pdm09.

[‡]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.

^γSurveillance 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.

^ψ 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 (Chittagoram) and DjMCH (Dinajpur) in November 2022.

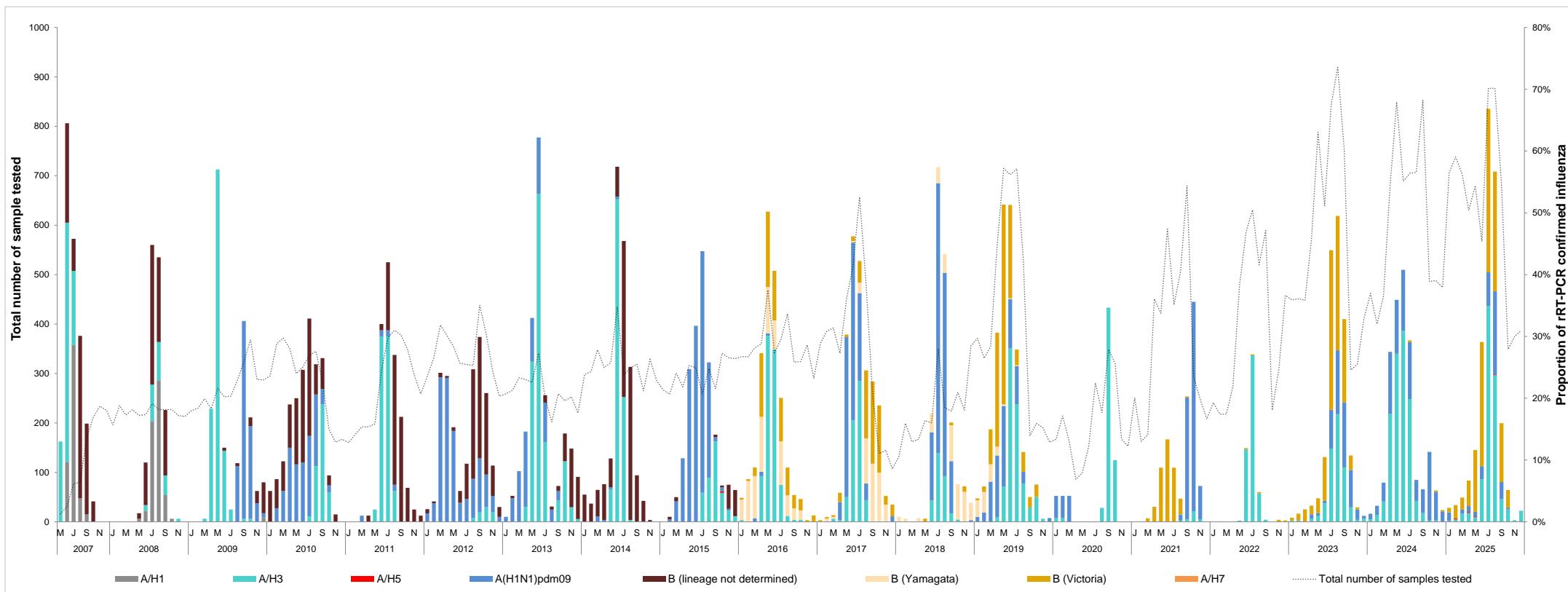
Outpatient ILI surveillance reinitiated at JIMCH (Kishoregonj) and JGH (Jashore) in December 2022.

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

Hospital based influenza surveillance

Influenza seasonality graph

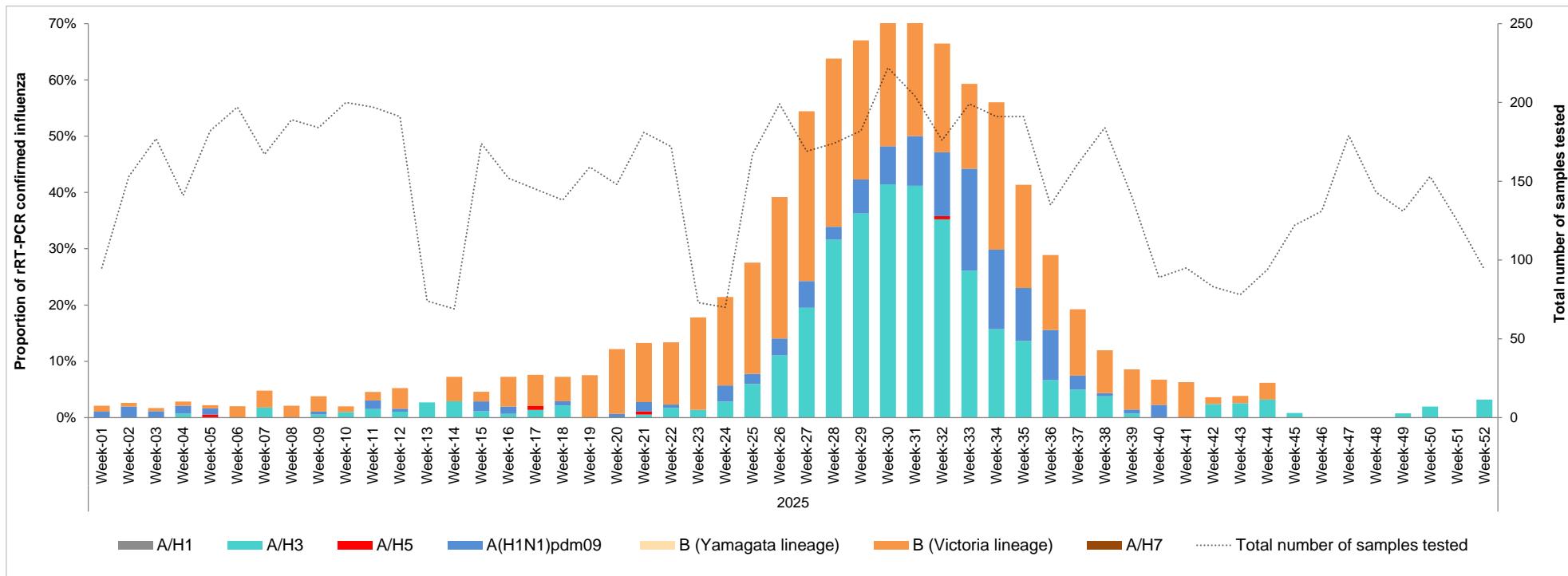
May 2007—December 2025



Hospital based influenza surveillance

Influenza seasonality graph

Week 01 to 52 of 2025



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

Hospital	District	December 2025			March 2020—December 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
CuMCH	Cumilla	76	0	0	2,934	141	5
JGH	Jashore	54	1	2	4,005	259	6
JRRMCH	Sylhet	65	0	0	4,018	201	5
CMCH	Chattogram	70	0	0	5,374	299	6
DjMCH	Dinajpur	62	0	0	3,709	168	5
KGH	Dhaka	60	0	0	90	0	0
		387	1	0.3	20,130	1,068	5

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

