



Monthly summary report

Hospital-Based Human Influenza Surveillance in Bangladesh

September 2025

Hospital based influenza surveillance
Monthly hospital-wise influenza lab results
September 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	92	18	20	1	17	0	0	0	0	0	1	0	17
RMCH	Rajshahi	48	6	13	5	1	0	0	5	0	0	0	0	1
CuMCH	Cumilla	55	4	7	2	2	0	0	2	0	0	0	0	2
KMCH	Khulna	43	6	14	2	4	0	0	2	0	0	0	0	4
JGH	Jashore	94	26	28	14	12	0	0	7	0	0	7	0	12
JRRMCH	Sylhet	98	18	18	5	13	0	0	3	0	0	2	0	13
SBMCH	Barishal	51	2	4	1	1	0	0	0	0	0	1	0	1
CMCH	Chattogram	122	8	7	7	1	0	0	5	0	0	2	0	1
DjMCH	Dinajpur	80	21	26	7	14	0	0	1	0	0	6	0	14
		683	109	16	44	65	0	0	25	0	0	19	0	65

Hospital based influenza surveillance

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

September 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	43	5	12	48	13	27	1	0	0
RMCH	Rajshahi	26	3	12	22	3	14	0	0	0
CuMCH	Cumilla	26	0	0	27	4	15	2	0	0
KMCH	Khulna	27	5	19	16	1	6	0	0	0
JGH	Jashore	38	12	32	54	14	26	2	0	0
JRRMCH	Sylhet	49	6	12	49	12	24	0	0	0
SBMCH	Barishal	13	0	0	38	2	5	0	0	0
CMCH	Chattogram	50	4	8	72	4	6	0	0	0
DjMCH	Dinajpur	32	5	16	48	16	33	0	0	0
		304	40	13	374	69	18	5	0	0

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

Hospital	District	SARI (aged ≥ 5 years)			SARI (aged < 5 years)			ILI [‡]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
JIMCH	Kishoregonj	29	7	24	22	7	32	41	4	10
RMCH	Rajshahi	30	4	13	18	2	11	-	-	-
CuMCH	Cumilla	33	1	3	22	3	14	-	-	-
KMCH	Khulna	31	6	19	12	0	0	-	-	-
JGH	Jashore	22	9	41	24	5	21	48	12	25
JRRMCH	Sylhet	30	8	27	27	7	26	41	3	7
SBMCH	Barishal	19	1	5	32	1	3	-	-	-
CMCH	Chattogram	29	2	7	43	0	0	50	6	12
DjMCH	Dinajpur	24	8	33	13	3	23	43	10	23
		247	46	19	213	28	13	223	35	16

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

Age groups	September 2025									Initiation—September 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	-	-	-	8	1	13	105	4	4	-	-	-	3,030	205	7	12,960	846	7
1-4 Years	-	-	-	42	7	17	108	24	22	-	-	-	5,364	813	15	6,438	1117	17
5-14 Years	67	21	31	47	13	28	-	-	-	6,341	1430	23	3,715	857	23	-	-	-
15-24 Years	39	7	18	55	9	16	-	-	-	6,156	1442	23	3,918	773	20	-	-	-
25-39 Years	47	8	17	41	3	7	-	-	-	6,447	1279	20	3,170	519	16	-	-	-
40-59 Years	50	6	12	24	1	4	-	-	-	8,102	1322	16	2,160	301	14	-	-	-
≥ 60 Years	44	4	9	6	1	17	-	-	-	8,182	1275	16	717	78	11	-	-	-
	247	46	19	223	35	16	213	28	13	35,228	6,748	19	22,074	3,546	16	19,398	1,963	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—September 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	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	7,705	1024	13	672	349	3	9	380	1	0	281	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	7,701	1689	22	1120	564	5	10	640	2	0	467	26	400
JRRMCH	Sylhet	Jul 2007	7,642	1319	17	861	455	3	16	487	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	7,691	1260	16	881	375	4	0	469	0	0	410	41	314
DjMCH	Dinajpur	Apr 2014	5,179	812	16	542	269	1	0	302	0	0	237	28	220
			76,700	12,257	16	8,215	4,018	24	135	4,574	5	0	3,478	395	2,329

^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.

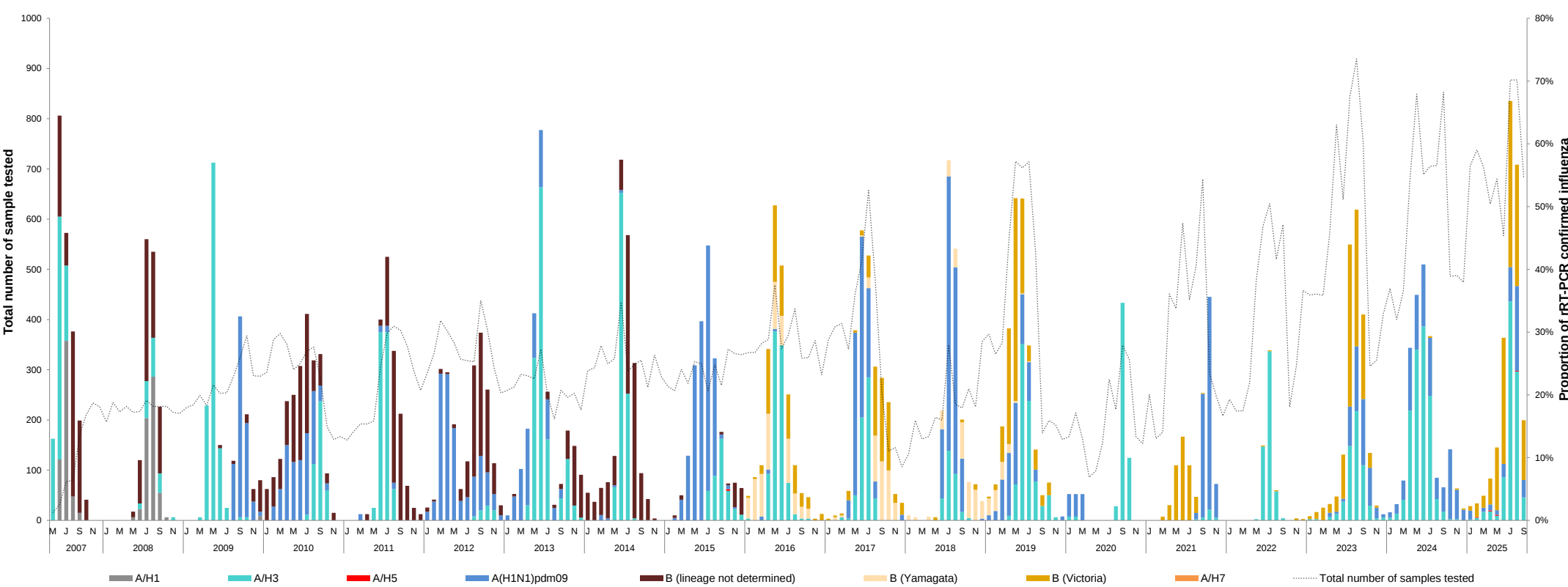
Outpatient ILI surveillance reinitiated at JRRMCH (Sylhet), CMCH (Chattogram) and DjMCH (Dinajpur) in November 2022.

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

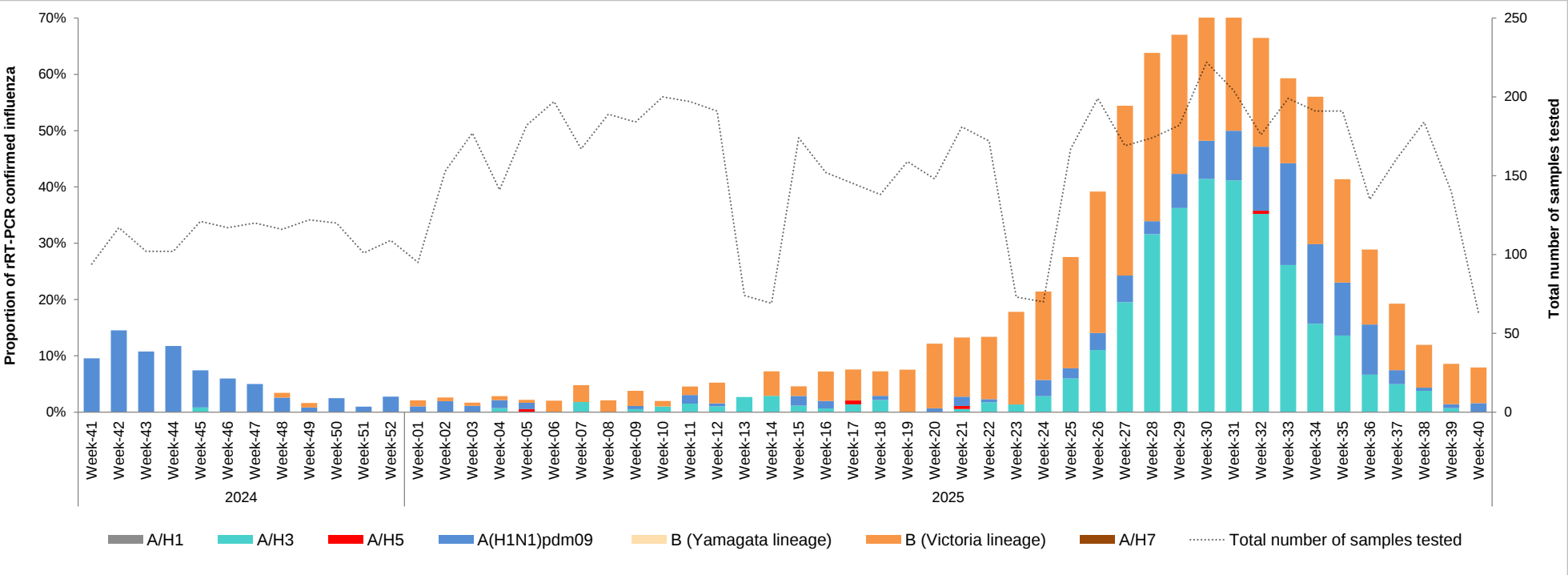
Outpatient ILI surveillance discontinued in October 2023.

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

May 2007—September 2025



Hospital based influenza surveillance
Influenza seasonality graph
Week 41 of 2024 to week 40 of 2025



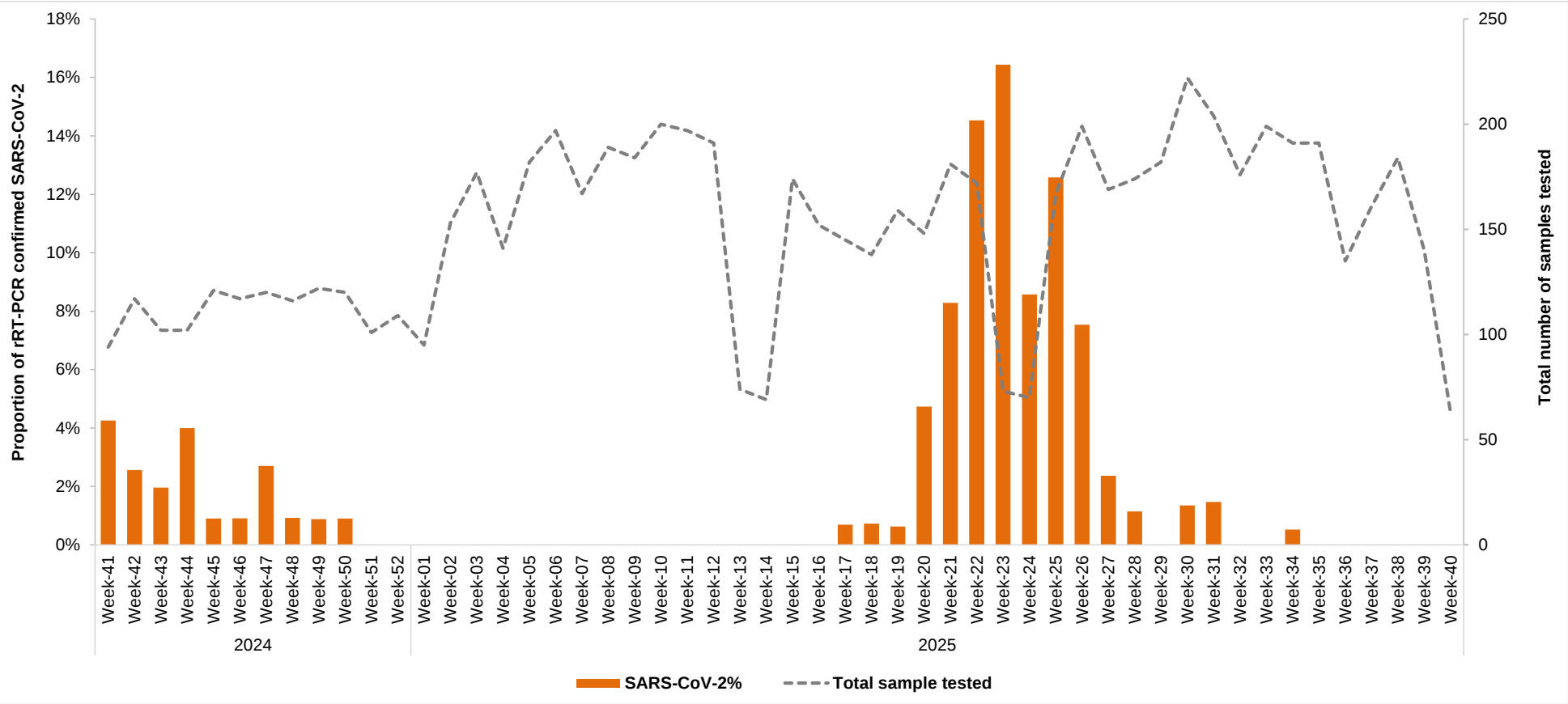
Hospital based influenza surveillance
Hospital-wise SARS-CoV-2 lab results
September 2025

Hospital	District	September 2025			March 2020—September 2025		
		Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
JIMCH	Kishoregonj	92	0	0	4,661	197	4
RMCH	Rajshahi	48	0	0	2,657	158	6
CuMCH	Cumilla	55	0	0	2,727	141	5
KMCH	Khulna	43	0	0	2,162	223	10
JGH	Jashore	94	0	0	3,817	258	7
JRRMCH	Sylhet	98	0	0	3,809	200	5
SBMCH	Barishal	51	0	0	3,266	196	6
CMCH	Chattogram	122	0	0	5,150	299	6
DjMCH	Dinajpur	80	0	0	3,516	168	5
		683	0	0	31,765	1,840	6

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

Age groups	September 2025			March 2020—September 2025		
	Sample	SARS-CoV-2	SARS-CoV-2 %	Sample	SARS-CoV-2	SARS-CoV-2 %
<1 Year	113	0	0	6688	211	3
1-4 Years	150	0	0	5145	65	1
5-14 Years	114	0	0	4,336	81	2
15-24 Years	94	0	0	3,826	177	5
25-39 Years	88	0	0	3,719	324	9
40-59 Years	74	0	0	4,355	524	12
≥ 60 Years	50	0	0	3,696	458	12
	683	0	0	31,765	1,840	6

Hospital based influenza surveillance
SARS-CoV-2 positivity trend by week
Week 41 of 2024 to week 40 of 2025



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

