



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

June 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
June 2014

Hospital	District	Sample	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	(H1N1)pdm09
DNMCH	Dhaka	19	13	68%	8	5	0	0	8	0	0
CBMCH	Mymensingh	21	13	62%	13	0	0	0	13	0	0
JIMCH	Kishoregonj	48	33	69%	33	0	0	0	33	0	0
RMCH	Rajshahi	21	8	38%	8	0	0	0	8	0	0
SZRMCH	Bogra*	61	45	74%	42	3	0	0	42	0	0
LAMB	Dinajpur	12	5	42%	4	1	0	0	4	0	0
BBMH	Chittagong	0	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	43	18	42%	16	1	1	0	17	0	0
KMCH	Khulna	22	10	45%	10	0	0	0	10	0	0
JGH	Jessore	43	26	60%	26	0	0	0	25	0	1
JRRMCH	Sylhet	35	23	66%	21	2	0	0	21	0	0
SBMCH	Barisal	53	25	47%	21	4	0	0	20	0	1
CMCH	Chittagong	26	16	62%	12	4	0	0	12	0	0
DJMCH	Dinajpur*	31	15	48%	14	1	0	0	14	0	0
		435	250	57%	228	21	1	0	227	0	2

*One sample will be repeated

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
June 2014

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	14	10	71%	-	-	-	5	3	60%
CBMCH	Mymensingh	16	12	75%	-	-	-	5	1	20%
JIMCH	Kishoregonj	30	24	80%	13	9	69%	5	0	0%
RMCH	Rajshahi	16	8	50%	-	-	-	5	0	0%
SZRMCH	Bogra*	32	25	78%	24	20	83%	5	0	0%
LAMB	Dinajpur	7	5	71%	-	-	-	5	0	0%
BBMH	Chittagong	0	0	0%	-	-	-	0	0	0%
CoMCH	Comilla	12	6	50%	26	12	46%	5	0	0%
KMCH	Khulna	17	9	53%	-	-	-	5	1	20%
JGH	Jessore	23	14	61%	15	11	73%	5	1	20%
JRRMCH	Sylhet	16	11	69%	14	11	79%	5	1	20%
SBMCH	Barisal	21	11	52%	27	14	52%	5	0	0%
CMCH	Chittagong	21	16	76%	-	-	-	5	0	0%
DjMCH	Dinajpur*	26	15	58%	-	-	-	5	0	0%
		251	166	66%	119	77	65%	65	7	11%

*One sample will be repeated

[†] All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatric inpatients.

[‡] All ILI samples (all age groups) collected during 4 days in each month from both medicine and pediatrics OPD of selected six hospitals.

[¥] First five Severe Pneumonia samples (aged < 5 years) collected from pediatric inpatients. More than five severe pneumonia cases belong to the cluster.

Hospital based influenza surveillance
Influenza results by different age groups
June 2014

Age groups	June 2014									Initiation - June 2014								
	SARI [†]			ILI [‡]			Severe Pneumonia [¥]			SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
<1 Year	-	-	-	24	6	25%	45	5	11%	-	-	-	1974	134	7%	3085	119	4%
1-4 Years	-	-	-	25	16	64%	20	2	10%	-	-	-	3085	430	14%	906	81	9%
5-14 Years	22	12	55%	21	17	81%	-	-	-	1158	229	20%	1750	388	22%	-	-	-
15-24 Years	53	37	70%	20	16	80%	-	-	-	1519	328	22%	1696	323	19%	-	-	-
25-39 Years	61	40	66%	13	10	77%	-	-	-	1610	323	20%	1509	243	16%	-	-	-
40-59 Years	54	37	69%	15	11	73%	-	-	-	1720	295	17%	934	136	15%	-	-	-
≥ 60 Years	61	40	66%	1	1	100%	-	-	-	1718	288	17%	296	32	11%	-	-	-
	251	166	66%	119	77	65%	65	7	11%	7,725	1,463	19%	11,244	1,686	15%	3,991	200	5%

[†] All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatric inpatients.

[‡] All ILI samples (all age groups) collected during 4 days in each month from both medicine and pediatrics OPD of selected six hospitals.

[¥] First five Severe Pneumonia samples (aged < 5 years) collected from pediatric inpatients. More than five severe pneumonia cases belong to the cluster.

Hospital based influenza surveillance
Hospitalwise influenza lab results
Surveillance initiation - June 2014

Hospital	District	Initiation	Sample	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	(H1N1)pdm09
DNMCH	Dhaka	Jun 2007	1426	213	15%	131	82	0	15	55	0	61
CBMCH	Mymensingh*	Oct 2007	1389	201	14%	136	65	0	7	74	0	55
JIMCH	Kishoregonj* [‡]	Sep 2007	2417	454	19%	315	139	0	9	180	0	125
RMCH	Rajshahi	May 2007	1662	157	9%	107	50	0	14	59	0	34
SZRMCH	Bogra*	Sep 2007	2425	356	15%	243	113	0	12	136	0	95
LAMB	Dinajpur	Oct 2007	1002	95	9%	62	33	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1274	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2908	398	14%	273	123	2	9	140	0	126
KMCH	Khulna	Jul 2007	1527	201	13%	147	54	0	16	83	0	48
JGH	Jessore	Sep 2007	2134	364	17%	252	112	0	10	139	0	103
JRRMCH	Sylhet	Jul 2007	2026	352	17%	225	127	0	16	110	0	99
SBMCH	Barisal	Aug 2007	2654	383	14%	254	126	3	9	131	0	117
CMCH	Chittagong	Apr 2014	62	20	32%	16	4	0	0	16	0	0
DjMCH	Dinajpur*	Apr 2014	54	17	31%	14	3	0	0	14	0	0
			22,960	3,349	15%	2,277	1067	5	137	1212	0	932

*One sample will be repeated

[‡]One sample co-infected with both A(H3) and A(H1N1)pdm09

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - June 2014

