



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

September 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
September 2013

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	15	2	13%	2	0	0	0	2	0	0
CBMCH	Mymensingh	12	1	8%	1	0	0	0	1	0	0
JIMCH	Kishoregonj	27	1	4%	1	0	0	0	1	0	0
RMCH	Rajshahi	23	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	21	2	10%	2	0	0	0	0	0	2
LAMB	Dinajpur	7	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	8	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	42	3	7%	2	1	0	0	2	0	0
KMCH	Khulna	15	0	0%	0	0	0	0	0	0	0
JGH	Jessore	27	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	26	1	4%	1	0	0	0	0	0	1
SBMCH	Barisal	36	5	14%	4	1	0	0	3	0	1
		259	15	5.8%	13	2	0	0	9	0	4

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
September 2013

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	10	2	20%	-	-	-	5	0	0%
CBMCH	Mymensingh	5	1	20%	-	-	-	7	0	0%
JIMCH	Kishoregonj	6	1	17%	16	0	0%	5	0	0%
RMCH	Rajshahi	16	0	0%	-	-	-	7	0	0%
SZRMCH	Bogra	7	2	29%	9	0	0%	5	0	0%
LAMB	Dinajpur	2	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	3	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	11	2	18%	26	1	4%	5	0	0%
KMCH	Khulna	8	0	0%	-	-	-	7	0	0%
JGH	Jessore	11	0	0%	11	0	0%	5	0	0%
JRRMCH	Sylhet	11	1	9%	10	0	0%	5	0	0%
SBMCH	Barisal	8	1	13%	22	4	18%	6	0	0%
		98	10	10%	94	5	5%	67	0	0%

[†] 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
September 2013

Age groups	September 2013									Initiation - September 2013								
	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	-	-	-	16	1	6%	48	0	0%	-	-	-	1771	124	7%	2604	106	4%
1-4 Years	-	-	-	38	0	0%	19	0	0%	-	-	-	2799	393	14%	772	76	10%
5-14 Years	20	1	5%	12	2	17%	-	-	-	1006	200	20%	1621	352	22%	-	-	-
15-24 Years	22	2	9%	12	2	17%	-	-	-	1320	272	21%	1582	294	19%	-	-	-
25-39 Years	22	2	9%	9	0	0%	-	-	-	1394	274	20%	1391	221	16%	-	-	-
40-59 Years	20	2	10%	6	0	0%	-	-	-	1428	241	17%	849	118	14%	-	-	-
≥ 60 Years	14	3	21%	1	0	0%	-	-	-	1407	226	16%	279	30	11%	-	-	-
	98	10	10%	94	5	5%	67	0	0%	6555	1213	19%	10292	1532	15%	3376	182	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 - September 2013

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	1309	188	14%	120	68	0	15	44	0	61
CBMCH	Mymensingh*	Oct 2007	1252	180	14%	122	58	0	7	60	0	55
JIMCH	Kishoregonj [‡]	Sep 2007	2111	393	19%	274	119	0	9	139	0	125
RMCH	Rajshahi	May 2007	1503	144	10%	99	45	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2146	296	14%	198	98	0	12	92	0	94
LAMB	Dinajpur	Oct 2007	927	86	9%	57	29	0	7	35	0	15
BBMH	Chittagong	Aug 2007	1199	136	11%	102	34	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2496	353	14%	244	108	1	9	112	0	124
KMCH	Khulna	Jul 2007	1382	187	14%	134	53	0	16	70	0	48
JGH	Jessore	Sep 2007	1848	327	18%	220	107	0	10	109	0	101
JRRMCH	Sylhet	Jul 2007	1796	310	17%	202	108	0	16	87	0	99
SBMCH	Barisal	Aug 2007	2254	327	15%	225	99	3	9	103	0	116
			20223	2927	14.5%	1997	926	4	137	937	0	926

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

*One sample will be repeated

Hospital based influenza surveillance

Influenza seasonality graph

May 2007 - September 2013

