



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

April 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
April 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	16	4	25%	0	4	0	0	0	0	0
CBMCH	Mymensingh	14	1	7%	0	1	0	0	0	0	0
JIMCH	Kishoregonj	34	0	0%	0	0	0	0	0	0	0
RMCH	Rajshahi	15	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	33	4	12%	0	4	0	0	0	0	0
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	8	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	47	3	6%	1	2	0	0	0	0	1
KMCH	Khulna	15	0	0%	0	0	0	0	0	0	0
JGH	Jessore	32	3	9%	0	3	0	0	0	0	0
JRRMCH	Sylhet	28	1	4%	0	1	0	0	0	0	0
SBMCH	Barisal	42	3	7%	0	3	0	0	0	0	0
CMCH	Chittagong	13	0	0%	0	0	0	0	0	0	0
DjMCH	Dinajpur	6	0	0%	0	0	0	0	0	0	0
		312	19	6.1%	1	18	0	0	0	0	1

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	12	4	33%	-	-	-	4	0	0%
CBMCH	Mymensingh	9	1	11%	-	-	-	5	0	0%
JIMCH	Kishoregonj	19	0	0%	10	0	0%	5	0	0%
RMCH	Rajshahi	10	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	12	1	8%	16	3	19%	5	0	0%
LAMB	Dinajpur	4	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	3	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	17	3	18%	25	0	0%	5	0	0%
KMCH	Khulna	10	0	0%	-	-	-	5	0	0%
JGH	Jessore	14	1	7%	13	1	8%	5	1	20%
JRRMCH	Sylhet	5	0	0%	18	1	6%	5	0	0%
SBMCH	Barisal	11	0	0%	24	3	13%	7	0	0%
CMCH	Chittagong	8	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	3	0	0%	-	-	-	3	0	0%
		137	10	7%	106	8	8%	69	1	1%

[†] 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
April 2014

Age groups	April 2014									Initiation - April 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	-	-	-	17	0	0%	53	1	2%	-	-	-	1919	128	7%	2990	112	4%
1-4 Years	-	-	-	34	4	12%	16	0	0%	-	-	-	3037	413	14%	864	78	9%
5-14 Years	21	4	19%	18	1	6%	-	-	-	1109	215	19%	1716	368	21%	-	-	-
15-24 Years	19	0	0%	15	1	7%	-	-	-	1441	286	20%	1669	305	18%	-	-	-
25-39 Years	25	2	8%	12	1	8%	-	-	-	1521	283	19%	1480	228	15%	-	-	-
40-59 Years	40	4	10%	9	1	11%	-	-	-	1630	253	16%	913	125	14%	-	-	-
≥ 60 Years	32	0	0%	1	0	0%	-	-	-	1620	242	15%	294	31	11%	-	-	-
	137	10	7%	106	8	8%	69	1	1%	7,321	1,279	17%	11,028	1,598	14%	3,854	190	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 - April 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	1392	198	14%	122	76	0	15	46	0	61
CBMCH	Mymensingh*	Oct 2007	1351	187	14%	122	65	0	7	60	0	55
JIMCH	Kishoregonj*†	Sep 2007	2330	416	18%	279	137	0	9	144	0	125
RMCH	Rajshahi	May 2007	1623	148	9%	99	49	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2335	305	13%	199	106	0	12	92	0	95
LAMB	Dinajpur	Oct 2007	983	88	9%	58	30	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1266	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2822	379	13%	256	122	1	9	122	0	126
KMCH	Khulna	Jul 2007	1491	190	13%	137	53	0	16	73	0	48
JGH	Jessore	Sep 2007	2058	336	16%	224	112	0	10	112	0	102
JRRMCH	Sylhet	Jul 2007	1974	329	17%	204	125	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2559	353	14%	230	120	3	9	108	0	116
CMCH	Chittagong	Apr 2014	13	0	0%	0	0	0	0	0	0	0
DjMCH	Dinajpur	Apr 2014	6	0	0%	0	0	0	0	0	0	0
			22,203	3,067	14%	2,032	1031	4	137	968	0	930

†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 - April 2014

