



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

May 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
May 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	15	2	13%	1	1	0	0	1	0	0
CBMCH	Mymensingh	17	1	6%	1	0	0	0	1	0	0
JIMCH	Kishoregonj	39	5	13%	3	2	0	0	3	0	0
RMCH	Rajshahi	18	1	6%	0	1	0	0	0	0	0
SZRMCH	Bogra	29	6	21%	2	4	0	0	2	0	0
LAMB	Dinajpur	7	2	29%	0	2	0	0	0	0	0
BBMH	Chittagong	8	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	43	1	2%	1	0	0	0	1	0	0
KMCH	Khulna	14	1	7%	0	1	0	0	0	0	0
JGH	Jessore	33	2	6%	2	0	0	0	2	0	0
JRRMCH	Sylhet	17	0	0%	0	0	0	0	0	0	0
SBMCH	Barisal	42	5	12%	3	2	0	0	3	0	0
CMCH	Chittagong	23	4	17%	4	0	0	0	4	0	0
DJMCH	Dinajpur	17	2	12%	0	2	0	0	0	0	0
		322	32	10%	17	15	0	0	17	0	0

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

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	12	1	8%	-	-	-	5	0	0%
JIMCH	Kishoregonj	18	2	11%	16	3	19%	5	0	0%
RMCH	Rajshahi	13	1	8%	-	-	-	5	0	0%
SZRMCH	Bogra	10	2	20%	14	4	29%	5	0	0%
LAMB	Dinajpur	2	0	0%	-	-	-	5	2	40%
BBMH	Chittagong	3	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	14	0	0%	24	1	4%	5	0	0%
KMCH	Khulna	9	0	0%	-	-	-	5	1	20%
JGH	Jessore	14	2	14%	14	0	0%	5	0	0%
JRRMCH	Sylhet	4	0	0%	8	0	0%	5	0	0%
SBMCH	Barisal	14	2	14%	21	3	14%	7	0	0%
CMCH	Chittagong	18	4	22%	-	-	-	5	0	0%
DjMCH	Dinajpur	12	2	17%	-	-	-	5	0	0%
		153	18	12%	97	11	11%	72	3	4%

[†] 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
May 2014

Age groups	May 2014									Initiation - May 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	-	-	-	31	0	0%	50	2	4%	-	-	-	1950	128	7%	3040	114	4%
1-4 Years	-	-	-	23	1	4%	22	1	5%	-	-	-	3060	414	14%	886	79	9%
5-14 Years	27	2	7%	13	3	23%	-	-	-	1136	217	19%	1729	371	21%	-	-	-
15-24 Years	25	5	20%	7	2	29%	-	-	-	1466	291	20%	1676	307	18%	-	-	-
25-39 Years	28	0	0%	16	5	31%	-	-	-	1549	283	18%	1496	233	16%	-	-	-
40-59 Years	36	5	14%	6	0	0%	-	-	-	1666	258	15%	919	125	14%	-	-	-
≥ 60 Years	37	6	16%	1	0	0%	-	-	-	1657	248	15%	295	31	11%	-	-	-
	153	18	12%	97	11	11%	72	3	4%	7,474	1,297	17%	11,125	1,609	14%	3,926	193	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 - May 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	1407	200	14%	123	77	0	15	47	0	61
CBMCH	Mymensingh*	Oct 2007	1368	188	14%	123	65	0	7	61	0	55
JIMCH	Kishoregonj*†	Sep 2007	2369	421	18%	282	139	0	9	147	0	125
RMCH	Rajshahi	May 2007	1641	149	9%	99	50	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2364	311	13%	201	110	0	12	94	0	95
LAMB	Dinajpur	Oct 2007	990	90	9%	58	32	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1274	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2865	380	13%	257	122	1	9	123	0	126
KMCH	Khulna	Jul 2007	1505	191	13%	137	54	0	16	73	0	48
JGH	Jessore	Sep 2007	2091	338	16%	226	112	0	10	114	0	102
JRRMCH	Sylhet	Jul 2007	1991	329	17%	204	125	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2601	358	14%	233	122	3	9	111	0	116
CMCH	Chittagong	Apr 2014	36	4	11%	4	0	0	0	4	0	0
DjMCH	Dinajpur	Apr 2014	23	2	9%	0	2	0	0	0	0	0
			22,525	3,099	14%	2,049	1046	4	137	985	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 - May 2014

