



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

September 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
September 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	9	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	11	1	9%	0	1	0	0	0	0	0
JIMCH	Kishoregonj	35	3	9%	0	3	0	0	0	0	0
RMCH	Rajshahi	18	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	30	2	7%	0	2	0	0	0	0	0
LAMB	Dinajpur	10	2	20%	0	2	0	0	0	0	0
BBMH	Chittagong	5	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	42	2	5%	0	2	0	0	0	0	0
KMCH	Khulna	14	0	0%	0	0	0	0	0	0	0
JGH	Jessore	28	4	14%	0	4	0	0	0	0	0
JRRMCH	Sylhet	43	1	2%	0	1	0	0	0	0	0
SBMCH	Barisal	42	1	2%	0	1	0	0	0	0	0
CMCH	Chittagong	15	0	0%	0	0	0	0	0	0	0
DjMCH	Dinajpur	17	8	47%	0	8	0	0	0	0	0
		319	24	7.5%	0	24	0	0	0	0	0

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	4	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	5	0	0%	-	-	-	6	1	17%
JIMCH	Kishoregonj	17	3	18%	13	0	0%	5	0	0%
RMCH	Rajshahi	13	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	11	0	0%	14	2	14%	5	0	0%
LAMB	Dinajpur	3	1	33%	-	-	-	7	1	14%
BBMH	Chittagong	0	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	6	1	17%	31	1	3%	5	0	0%
KMCH	Khulna	9	0	0%	-	-	-	5	0	0%
JGH	Jessore	8	1	13%	15	3	20%	5	0	0%
JRRMCH	Sylhet	14	1	7%	24	0	0%	5	0	0%
SBMCH	Barisal	10	1	10%	22	0	0%	10	0	0%
CMCH	Chittagong	10	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	12	7	58%	-	-	-	5	1	20%
		122	15	12%	119	6	5%	78	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
September 2014**

Age groups	September 2014									Initiation - September 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	-	-	-	19	0	0%	63	1	2%	-	-	-	2026	146	7%	3256	130	4%
1-4 Years	-	-	-	45	1	2%	15	2	13%	-	-	-	3190	455	14%	958	88	9%
5-14 Years	19	4	21%	10	2	20%	-	-	-	1215	249	20%	1796	411	23%	-	-	-
15-24 Years	27	2	7%	20	1	5%	-	-	-	1589	347	22%	1742	334	19%	-	-	-
25-39 Years	16	1	6%	15	2	13%	-	-	-	1670	341	20%	1541	249	16%	-	-	-
40-59 Years	32	4	13%	7	0	0%	-	-	-	1816	328	18%	966	148	15%	-	-	-
≥ 60 Years	28	4	14%	3	0	0%	-	-	-	1821	328	18%	301	33	11%	-	-	-
	122	15	12%	119	6	5%	78	3	4%	8,111	1,593	20%	11,562	1,776	15%	4,214	218	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 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	1462	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh	Oct 2007	1426	209	15%	142	67	0	7	79	0	56
JIMCH	Kishoregonj* [‡]	Sep 2007	2510	476	19%	318	158	0	9	183	0	125
RMCH	Rajshahi	May 2007	1719	171	10%	112	59	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2531	391	15%	249	142	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1031	101	10%	62	39	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1284	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	3019	425	14%	282	141	2	9	149	0	126
KMCH	Khulna	Jul 2007	1571	212	13%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2222	396	18%	260	136	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2103	364	17%	227	137	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2783	408	15%	260	145	3	9	137	0	117
CMCH	Chittagong	Apr 2014	117	32	27%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	109	42	39%	24	18	0	0	24	0	0
			23,887	3,587	15%	2,339	1,243	5	137	1,273	0	933

*One sample will be repeated

[‡]One sample collected in May 2013 was co-infected with both A(H3) and A(H1N1)pdm09

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

