



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

October 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
October 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	10	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	11	2	18%	0	2	0	0	0	0	0
JIMCH	Kishoregonj	27	0	0%	0	0	0	0	0	0	0
RMCH	Rajshahi	14	1	7%	0	1	0	0	0	0	0
SZRMCH	Bogra	26	1	4%	0	1	0	0	0	0	0
LAMB	Dinajpur	8	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	4	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	42	3	7%	0	3	0	0	0	0	0
KMCH	Khulna	12	0	0%	0	0	0	0	0	0	0
JGH	Jessore	27	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	15	0	0%	0	0	0	0	0	0	0
SBMCH	Barisal	39	1	3%	0	1	0	0	0	0	0
CMCH	Chittagong	17	0	0%	0	0	0	0	0	0	0
DjMCH	Dinajpur	13	1	8%	0	1	0	0	0	0	0
		265	9	3.4%	0	9	0	0	0	0	0

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	5	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	6	2	33%	-	-	-	5	0	0%
JIMCH	Kishoregonj	8	0	0%	14	0	0%	5	0	0%
RMCH	Rajshahi	7	1	14%	-	-	-	7	0	0%
SZRMCH	Bogra	9	1	11%	12	0	0%	5	0	0%
LAMB	Dinajpur	3	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	1	0	0%	-	-	-	3	0	0%
CoMCH	Comilla	6	0	0%	31	3	10%	5	0	0%
KMCH	Khulna	7	0	0%	-	-	-	5	0	0%
JGH	Jessore	10	0	0%	12	0	0%	5	0	0%
JRRMCH	Sylhet	2	0	0%	8	0	0%	5	0	0%
SBMCH	Barisal	8	0	0%	26	0	0%	5	1	20%
CMCH	Chittagong	12	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	8	1	13%	-	-	-	5	0	0%
		92	5	5%	103	3	3%	70	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
October 2014

Age groups	October 2014									Initiation - October 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	-	-	-	29	0	0%	61	1	2%	-	-	-	2055	146	7%	3317	131	4%
1-4 Years	-	-	-	36	0	0%	9	0	0%	-	-	-	3226	455	14%	967	88	9%
5-14 Years	10	0	0%	5	1	20%	-	-	-	1225	249	20%	1801	412	23%	-	-	-
15-24 Years	28	2	7%	11	2	18%	-	-	-	1617	349	22%	1753	336	19%	-	-	-
25-39 Years	14	1	7%	10	0	0%	-	-	-	1684	342	20%	1551	249	16%	-	-	-
40-59 Years	18	1	6%	10	0	0%	-	-	-	1834	329	18%	976	148	15%	-	-	-
≥ 60 Years	22	1	5%	2	0	0%	-	-	-	1843	329	18%	303	33	11%	-	-	-
	92	5	5%	103	3	3%	70	1	1%	8,203	1,598	19%	11,665	1,779	15%	4,284	219	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 - October 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	1472	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh	Oct 2007	1437	211	15%	142	69	0	7	79	0	56
JIMCH	Kishoregonj* [†]	Sep 2007	2537	476	19%	318	158	0	9	183	0	125
RMCH	Rajshahi	May 2007	1733	172	10%	112	60	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2557	392	15%	249	143	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1039	101	10%	62	39	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1288	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	3061	428	14%	282	144	2	9	149	0	126
KMCH	Khulna	Jul 2007	1583	212	13%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2249	396	18%	260	136	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2118	364	17%	227	137	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2822	409	14%	260	146	3	9	137	0	117
CMCH	Chittagong	Apr 2014	134	32	24%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	122	43	35%	24	19	0	0	24	0	0
			24,152	3,596	15%	2,339	1,252	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 - October 2014

