Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

January 2015

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
January 2015

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	13	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	27	0	0%	0	0	0	0	0	0	0
RMCH	Rajshahi	13	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	24	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	6	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	7	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	31	0	0%	0	0	0	0	0	0	0
KMCH	Khulna	11	0	0%	0	0	0	0	0	0	0
JGH	Jessore	30	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	23	0	0%	0	0	0	0	0	0	0
SBMCH	Barisal	43	0	0%	0	0	0	0	0	0	0
CMCH	Chittagong	15	0	0%	0	0	0	0	0	0	0
DjMCH	Dinajpur	15	0	0%	0	0	0	0	0	0	0
		267	**0**	**0%**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
January 2015

Hospital	District	SARI[†]			ILI[‡]			Severe Pneumonia[¥]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
DNMCH	Dhaka	4	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	8	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	12	0	0%	10	0	0%	5	0	0%
RMCH	Rajshahi	8	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	9	0	0%	10	0	0%	5	0	0%
LAMB	Dinajpur	1	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	2	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	6	0	0%	20	0	0%	5	0	0%
KMCH	Khulna	6	0	0%	-	-	-	5	0	0%
JGH	Jessore	11	0	0%	14	0	0%	5	0	0%
JRRMCH	Sylhet	6	0	0%	12	0	0%	5	0	0%
SBMCH	Barisal	10	0	0%	24	0	0%	9	0	0%
CMCH	Chittagong	10	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	10	0	0%	-	-	-	5	0	0%
		103	**0**	**0%**	**90**	**0**	**0%**	**74**	**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.

Hospital based influenza surveillance
Influenza results by different age groups
January 2015

Age groups	January 2015 SARI[†]			ILI[‡]			Severe Pneumonia[¥]			Initiation - January 2015 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%	62	0	0%	-	-	-	2107	146	7%	3482	131	4%
1-4 Years	-	-	-	30	0	0%	12	0	0%	-	-	-	3328	456	14%	1016	88	9%
5-14 Years	10	0	0%	10	0	0%	-	-	-	1265	249	20%	1837	412	22%	-	-	-
15-24 Years	23	0	0%	9	0	0%	-	-	-	1694	349	21%	1784	336	19%	-	-	-
25-39 Years	19	0	0%	8	0	0%	-	-	-	1743	342	20%	1588	249	16%	-	-	-
40-59 Years	27	0	0%	13	0	0%	-	-	-	1923	329	17%	1001	148	15%	-	-	-
≥ 60 Years	24	0	0%	1	0	0%	-	-	-	1948	329	17%	318	33	10%	-	-	-
	103	0	0%	90	0	0%	74	0	0%	8,573	1,598	19%	11,963	1,780	15%	4,498	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 - January 2015

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	1505	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh	Oct 2007	1478	211	14%	142	69	0	7	79	0	56
JIMCH	Kishoregonj*ᵀ	Sep 2007	2619	477	18%	318	159	0	9	183	0	125
RMCH	Rajshahi	May 2007	1773	172	10%	112	60	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2636	392	15%	249	143	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1063	101	10%	62	39	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1310	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	3183	428	13%	282	144	2	9	149	0	126
KMCH	Khulna	Jul 2007	1620	212	13%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2344	396	17%	260	136	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2202	364	17%	227	137	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2949	409	14%	260	146	3	9	137	0	117
CMCH	Chittagong	Apr 2014	185	32	17%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	167	43	26%	24	19	0	0	24	0	0
			25,034	**3,597**	**14%**	**2,339**	**1,253**	**5**	**137**	**1,273**	**0**	**933**

*One sample will be repeated

ᵀOne 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 - January 2015