



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

November 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
November 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	13	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	14	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	30	1	3%	0	1	0	0	0	0	0
RMCH	Rajshahi	17	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	31	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	10	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	8	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	50	0	0%	0	0	0	0	0	0	0
KMCH	Khulna	15	0	0%	0	0	0	0	0	0	0
JGH	Jessore	33	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	32	0	0%	0	0	0	0	0	0	0
SBMCH	Barisal	41	0	0%	0	0	0	0	0	0	0
CMCH	Chittagong	18	0	0%	0	0	0	0	0	0	0
DjMCH	Dinajpur	17	0	0%	0	0	0	0	0	0	0
		329	1	0.3%	0	1	0	0	0	0	0

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
DNMCH	Dhaka	8	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	9	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	17	0	0%	8	1	13%	5	0	0%
RMCH	Rajshahi	12	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	12	0	0%	14	0	0%	5	0	0%
LAMB	Dinajpur	5	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	3	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	12	0	0%	33	0	0%	5	0	0%
KMCH	Khulna	10	0	0%	-	-	-	5	0	0%
JGH	Jessore	12	0	0%	16	0	0%	5	0	0%
JRRMCH	Sylhet	14	0	0%	13	0	0%	5	0	0%
SBMCH	Barisal	14	0	0%	22	0	0%	5	0	0%
CMCH	Chittagong	13	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	12	0	0%	-	-	-	5	0	0%
		153	0	0%	106	1	1%	70	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
November 2014

Age groups	November 2014									Initiation - November 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	-	-	-	20	0	0%	49	0	0%	-	-	-	2075	146	7%	3366	131	4%
1-4 Years	-	-	-	31	1	3%	21	0	0%	-	-	-	3257	456	14%	988	88	9%
5-14 Years	16	0	0%	14	0	0%	-	-	-	1241	249	20%	1815	412	23%	-	-	-
15-24 Years	25	0	0%	10	0	0%	-	-	-	1642	349	21%	1763	336	19%	-	-	-
25-39 Years	24	0	0%	18	0	0%	-	-	-	1708	342	20%	1569	249	16%	-	-	-
40-59 Years	41	0	0%	4	0	0%	-	-	-	1875	329	18%	980	148	15%	-	-	-
≥ 60 Years	47	0	0%	9	0	0%	-	-	-	1890	329	17%	312	33	11%	-	-	-
	153	0	0%	106	1	1%	70	0	0%	8,356	1,598	19%	11,771	1,780	15%	4,354	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 - November 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	1485	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh	Oct 2007	1451	211	15%	142	69	0	7	79	0	56
JIMCH	Kishoregonj* [‡]	Sep 2007	2567	477	19%	318	159	0	9	183	0	125
RMCH	Rajshahi	May 2007	1750	172	10%	112	60	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2588	392	15%	249	143	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1049	101	10%	62	39	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1296	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	3111	428	14%	282	144	2	9	149	0	126
KMCH	Khulna	Jul 2007	1598	212	13%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2282	396	17%	260	136	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2150	364	17%	227	137	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2863	409	14%	260	146	3	9	137	0	117
CMCH	Chittagong	Apr 2014	152	32	21%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	139	43	31%	24	19	0	0	24	0	0
			24,481	3,597	15%	2,339	1,253	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 - November 2014

