Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

February 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
February 2013

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	6	1	17%	1	0	0	0	0	0	1
CBMCH	Mymensingh	13	1	8%	1	0	0	0	0	0	1
JIMCH	Kishoregonj	32	1	3%	1	0	0	0	0	0	1
RMCH	Rajshahi	14	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	21	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	10	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	12	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	54	5	9%	4	1	0	0	0	0	4
KMCH	Khulna	12	0	0%	0	0	0	0	0	0	0
JGH	Jessore	27	1	4%	1	0	0	0	0	0	1
JRRMCH	Sylhet	25	1	4%	1	0	0	0	0	0	1
SBMCH	Barisal	40	1	3%	1	0	0	0	0	0	1
		266	**11**	**4.1%**	**10**	**1**	**0**	**0**	**0**	**0**	**10**

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
February 2013

Hospital	District	SARI[†]			ILI[‡]			Severe Pneumonia[¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	1	0	0%	-	-	-	5	1	20%
CBMCH	Mymensingh	8	1	13%	-	-	-	5	0	0%
JIMCH	Kishoregonj	10	0	0%	17	1	6%	5	0	0%
RMCH	Rajshahi	9	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	4	0	0%	12	0	0%	5	0	0%
LAMB	Dinajpur	5	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	5	0	0%	-	-	-	7	0	0%
CoMCH	Comilla	12	1	8%	37	4	11%	5	0	0%
KMCH	Khulna	7	0	0%	-	-	-	5	0	0%
JGH	Jessore	6	1	17%	16	0	0%	5	0	0%
JRRMCH	Sylhet	4	1	25%	16	0	0%	5	0	0%
SBMCH	Barisal	8	1	13%	24	0	0%	8	0	0%
		79	5	6%	122	5	4%	65	1	2%

[†] 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
February 2013

Age groups	February 2013									Initiation - February 2013								
	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	-	-	-	25	0	0%	53	0	0%	-	-	-	1632	100	6%	2283	85	4%
1-4 Years	-	-	-	44	0	0%	12	1	8%	-	-	-	2550	331	13%	667	60	9%
5-14 Years	18	0	0%	19	2	11%	-	-	-	894	183	20%	1507	322	21%	-	-	-
15-24 Years	15	1	7%	14	1	7%	-	-	-	1197	240	20%	1495	260	17%	-	-	-
25-39 Years	10	0	0%	9	1	11%	-	-	-	1245	226	18%	1310	197	15%	-	-	-
40-59 Years	14	1	7%	8	1	13%	-	-	-	1238	180	15%	788	105	13%	-	-	-
≥ 60 Years	22	3	14%	3	0	0%	-	-	-	1241	173	14%	264	24	9%	-	-	-
	79	5	6%	122	5	4%	65	1	2%	5815	1002	17%	9546	1339	14%	2950	145	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 - February 2013

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	1235	164	13%	96	68	0	15	28	0	53
CBMCH	Mymensingh	Oct 2007	1149	153	13%	95	58	0	7	42	0	46
JIMCH	Kishoregonj	Sep 2007	1894	332	18%	213	119	0	9	100	0	104
RMCH	Rajshahi	May 2007	1392	128	9%	83	45	0	14	38	0	31
SZRMCH	Bogra	Sep 2007	1964	263	13%	165	98	0	12	72	0	81
LAMB	Dinajpur	Oct 2007	873	81	9%	52	29	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1117	117	10%	83	34	0	13	27	0	43
CoMCH	Comilla	Oct 2007	2188	273	12%	169	103	1	9	66	0	95
KMCH	Khulna	Jul 2007	1290	167	13%	114	53	0	16	52	0	46
JGH	Jessore	Sep 2007	1624	276	17%	169	107	0	10	62	0	97
JRRMCH	Sylhet	Jul 2007	1622	276	17%	168	108	0	16	59	0	93
SBMCH	Barisal	Aug 2007	1963	256	13%	155	98	3	9	59	0	90
			18311	**2486**	**13.6%**	**1562**	**920**	**4**	**137**	**636**	**0**	**793**

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - February 2013