



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

December 2012

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
December 2012

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	14	1	7%	1	0	0	0	0	0	1
JIMCH	Kishoregonj	29	1	3%	1	0	0	0	0	0	1
RMCH	Rajshahi	20	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	28	2	7%	0	2	0	0	0	0	0
LAMB	Dinajpur	7	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	9	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	46	0	0%	0	0	0	0	0	0	0
KMCH	Khulna	11	1	9%	0	1	0	0	0	0	0
JGH	Jessore	27	1	4%	0	1	0	0	0	0	0
JRRMCH	Sylhet	14	0	0%	0	0	0	0	0	0	0
SBMCH	Barisal	39	0	0%	0	0	0	0	0	0	0
		254	6	2.4%	2	4	0	0	0	0	2

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
December 2012

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	4	0	0%	-	0	-	6	0	0%
CBMCH	Mymensingh	9	1	11%	-	0	-	5	0	0%
JIMCH	Kishoregonj	11	0	0%	12	1	8%	6	0	0%
RMCH	Rajshahi	12	0	0%	-	0	-	8	0	0%
SZRMCH	Bogra	9	0	0%	14	2	14%	5	0	0%
LAMB	Dinajpur	2	0	0%	-	0	-	5	0	0%
BBMH	Chittagong	4	0	0%	-	0	-	5	0	0%
CoMCH	Comilla	10	0	0%	31	0	0%	5	0	0%
KMCH	Khulna	6	1	17%	-	0	-	5	0	0%
JGH	Jessore	6	1	17%	16	0	0%	5	0	0%
JRRMCH	Sylhet	1	0	0%	8	0	0%	5	0	0%
SBMCH	Barisal	9	0	0%	25	0	0%	5	0	0%
		83	3	4%	106	3	3%	65	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. More than five severe pneumonia cases belong to the cluster.

Hospital based influenza surveillance
Influenza results by different age groups
December 2012

Age groups	December 2012									Initiation - December 2012								
	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	-	-	-	24	0	0%	51	0	0%	-	-	-	1586	99	6%	2181	85	4%
1-4 Years	-	-	-	32	3	9%	14	0	0%	-	-	-	2465	331	13%	639	59	9%
5-14 Years	8	0	0%	17	0	0%	-	-	-	859	183	21%	1476	320	22%	-	-	-
15-24 Years	12	3	25%	8	0	0%	-	-	-	1176	239	20%	1467	259	18%	-	-	-
25-39 Years	16	0	0%	11	0	0%	-	-	-	1224	226	18%	1291	196	15%	-	-	-
40-59 Years	18	0	0%	10	0	0%	-	-	-	1206	178	15%	766	104	14%	-	-	-
≥ 60 Years	29	0	0%	4	0	0%	-	-	-	1195	170	14%	255	24	9%	-	-	-
	83	3	4%	106	3	3%	65	0	0%	5660	996	18%	9306	1333	14%	2820	144	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 - December 2012

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	1221	163	13%	95	68	0	15	28	0	52
CBMCH	Mymensingh	Oct 2007	1124	152	14%	94	58	0	7	42	0	45
JIMCH	Kishoregonj	Sep 2007	1834	330	18%	211	119	0	9	100	0	102
RMCH	Rajshahi	May 2007	1363	128	9%	83	45	0	14	38	0	31
SZRMCH	Bogra	Sep 2007	1919	262	14%	164	98	0	12	72	0	80
LAMB	Dinajpur	Oct 2007	857	81	9%	52	29	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1096	117	11%	83	34	0	13	27	0	43
CoMCH	Comilla	Oct 2007	2083	268	13%	165	102	1	9	66	0	91
KMCH	Khulna	Jul 2007	1265	167	13%	114	53	0	16	52	0	46
JGH	Jessore	Sep 2007	1572	275	17%	168	107	0	10	62	0	96
JRRMCH	Sylhet	Jul 2007	1568	275	18%	167	108	0	16	59	0	92
SBMCH	Barisal	Aug 2007	1884	255	14%	154	98	3	9	59	0	89
			17786	2473	13.9%	1550	919	4	137	636	0	781

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - December 2012

