



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

April 2012

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
April 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	21	2	10%	2	0	0	0	0	0	2
CBMCH	Mymensingh	14	2	14%	2	0	0	0	0	0	2
JIMCH	Kishoregonj	40	10	25%	10	0	0	0	0	0	10
RMCH	Rajshahi	15	2	13%	2	0	0	0	0	0	2
SZRMCH	Bogra	51	11	22%	11	0	0	0	0	0	11
LAMB	Dinajpur	11	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	15	5	33%	5	0	0	0	0	0	5
CoMCH	Comilla	57	16	28%	16	0	0	0	0	0	16
KMCH	Khulna	15	4	27%	4	0	0	0	0	0	4
JGH	Jessore	39	9	23%	9	0	0	0	0	0	9
JRRMCH	Sylhet	43	16	37%	15	1	0	0	0	0	15
SBMCH	Barisal	56	12	21%	12	0	0	0	0	0	12
		377	89	24%	88	1	0	0	0	0	88

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Total	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	16	1	6%	-	-	-	5	1	20%
CBMCH	Mymensingh	9	2	22%	-	-	-	5	0	0%
JIMCH	Kishoregonj	9	2	22%	26	6	23%	5	2	40%
RMCH	Rajshahi	10	2	20%	-	-	-	5	0	0%
SZRMCH	Bogra	15	2	13%	31	9	29%	5	0	0%
LAMB	Dinajpur	6	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	10	5	50%	-	-	-	5	0	0%
CoMCH	Comilla	23	5	22%	29	10	34%	5	1	20%
KMCH	Khulna	10	3	30%	-	-	-	5	1	20%
JGH	Jessore	12	4	33%	21	5	24%	6	0	0%
JRRMCH	Sylhet	11	6	55%	27	10	37%	5	0	0%
SBMCH	Barisal	16	3	19%	34	9	26%	6	0	0%
		147	35	24%	168	49	29%	62	5	8%

[†] 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
April 2012

Age groups	April 2012									Initiation - April 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	-	-	-	41	3	7%	45	3	7%	-	-	-	1322	83	6%	1757	70	4%
1-4 Years	-	-	-	43	16	37%	17	2	12%	-	-	-	2070	267	13%	515	51	10%
5-14 Years	34	6	18%	28	8	29%	-	-	-	688	143	21%	1260	266	21%	-	-	-
15-24 Years	30	8	27%	19	6	32%	-	-	-	994	196	20%	1325	230	17%	-	-	-
25-39 Years	28	8	29%	16	8	50%	-	-	-	1025	182	18%	1162	170	15%	-	-	-
40-59 Years	32	8	25%	17	7	41%	-	-	-	1025	140	14%	697	85	12%	-	-	-
≥ 60 Years	23	5	22%	4	1	25%	-	-	-	1031	145	14%	231	23	10%	-	-	-
	147	35	24%	168	49	29%	62	5	8%	4763	806	17%	8067	1124	14%	2272	121	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 - April 2012

Hospital	District	Initiation	Total	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	(H1N1)pdm09
DNMCH	Dhaka	Jun 2007	1075	143	13%	89	54	0	15	24	0	50
CBMCH	Mymensingh	Oct 2007	995	136	14%	86	50	0	7	42	0	37
JIMCH	Kishoregonj	Sep 2007	1527	282	18%	192	90	0	9	94	0	89
RMCH	Rajshahi	May 2007	1238	116	9%	77	39	0	14	38	0	25
SZRMCH	Bogra	Sep 2007	1570	203	13%	142	61	0	12	71	0	59
LAMB	Dinajpur	Oct 2007	790	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	993	102	10%	73	29	0	13	27	0	33
CoMCH	Comilla	Oct 2007	1686	207	12%	137	69	1	9	55	0	74
KMCH	Khulna	Jul 2007	1141	145	13%	104	41	0	16	52	0	36
JGH	Jessore	Sep 2007	1271	212	17%	139	73	0	10	62	0	67
JRRMCH	Sylhet	Jul 2007	1317	217	16%	143	74	0	16	59	0	68
SBMCH	Barisal	Aug 2007	1499	208	14%	131	74	3	9	58	0	67
			15102	2051	13.6%	1365	682	4	137	613	0	619

**Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - April 2012**

