



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

May 2012

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
May 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	17	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	19	4	21%	4	0	0	0	0	0	4
JIMCH	Kishoregonj	40	1	3%	1	0	0	0	0	0	1
RMCH	Rajshahi	14	1	7%	1	0	0	0	0	0	1
SZRMCH	Bogra	44	5	11%	5	0	0	0	0	0	5
LAMB	Dinajpur	11	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	13	6	46%	6	0	0	0	0	0	6
CoMCH	Comilla	47	7	15%	6	1	0	0	0	0	6
KMCH	Khulna	14	1	7%	1	0	0	0	0	0	1
JGH	Jessore	31	3	10%	3	0	0	0	0	0	3
JRRMCH	Sylhet	40	13	33%	12	1	0	0	0	0	12
SBMCH	Barisal	64	13	20%	13	0	0	0	0	0	13
		354	54	15.3%	52	2	0	0	0	0	52

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Total	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	12	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	14	4	29%	-	-	-	5	0	0%
JIMCH	Kishoregonj	17	1	6%	18	0	0%	5	0	0%
RMCH	Rajshahi	9	0	0%	-	-	-	5	1	20%
SZRMCH	Bogra	9	0	0%	29	4	14%	6	1	17%
LAMB	Dinajpur	6	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	8	4	50%	-	-	-	5	2	40%
CoMCH	Comilla	11	4	36%	31	3	10%	5	0	0%
KMCH	Khulna	9	1	11%	-	-	-	5	0	0%
JGH	Jessore	11	1	9%	15	1	7%	5	1	20%
JRRMCH	Sylhet	7	3	43%	28	10	36%	5	0	0%
SBMCH	Barisal	17	5	29%	42	7	17%	5	1	20%
		130	23	18%	163	25	15%	61	6	10%

[†] 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
May 2012

Age groups	May 2012									Initiation - May 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	-	-	-	30	1	3%	52	6	12%	-	-	-	1352	84	6%	1809	76	4%
1-4 Years	-	-	-	57	13	23%	9	0	0%	-	-	-	2127	280	13%	524	51	10%
5-14 Years	28	1	4%	39	6	15%	-	-	-	716	144	20%	1299	272	21%	-	-	-
15-24 Years	28	6	21%	10	1	10%	-	-	-	1022	202	20%	1335	231	17%	-	-	-
25-39 Years	32	9	28%	20	4	20%	-	-	-	1057	191	18%	1182	174	15%	-	-	-
40-59 Years	17	4	24%	6	0	0%	-	-	-	1042	144	14%	703	85	12%	-	-	-
≥ 60 Years	25	3	12%	1	0	0%	-	-	-	1056	148	14%	232	23	10%	-	-	-
	130	23	18%	163	25	15%	61	6	10%	4893	829	17%	8230	1149	14%	2333	127	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 - May 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	1092	143	13%	89	54	0	15	24	0	50
CBMCH	Mymensingh	Oct 2007	1014	140	14%	90	50	0	7	42	0	41
JIMCH	Kishoregonj	Sep 2007	1567	283	18%	193	90	0	9	94	0	90
RMCH	Rajshahi	May 2007	1252	117	9%	78	39	0	14	38	0	26
SZRMCH	Bogra	Sep 2007	1614	208	13%	147	61	0	12	71	0	64
LAMB	Dinajpur	Oct 2007	801	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1006	108	11%	79	29	0	13	27	0	39
CoMCH	Comilla	Oct 2007	1733	214	12%	143	70	1	9	55	0	80
KMCH	Khulna	Jul 2007	1155	146	13%	105	41	0	16	52	0	37
JGH	Jessore	Sep 2007	1302	215	17%	142	73	0	10	62	0	70
JRRMCH	Sylhet	Jul 2007	1357	230	17%	155	75	0	16	59	0	80
SBMCH	Barisal	Aug 2007	1563	221	14%	144	74	3	9	58	0	80
			15456	2105	13.6%	1417	684	4	137	613	0	671

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

