



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

October 2012

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
October 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	7	33%	4	3	0	0	2	0	2
CBMCH	Mymensingh	14	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	53	10	19%	3	7	0	0	2	0	1
RMCH	Rajshahi	16	5	31%	1	4	0	0	0	0	1
SZRMCH	Bogra	56	12	21%	5	7	0	0	0	0	5
LAMB	Dinajpur	6	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	15	2	13%	1	1	0	0	0	0	1
CoMCH	Comilla	44	12	27%	9	3	0	0	4	0	5
KMCH	Khulna	18	5	28%	0	5	0	0	0	0	0
JGH	Jessore	48	17	35%	4	13	0	0	0	0	4
JRRMCH	Sylhet	33	4	12%	0	4	0	0	0	0	0
SBMCH	Barisal	55	5	9%	2	3	0	0	1	0	1
		379	79	20.8%	29	50	0	0	9	0	20

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	11	6	55%	-	-	-	10	1	10%
CBMCH	Mymensingh	4	0	0%	-	-	-	10	0	0%
JIMCH	Kishoregonj	8	4	50%	33	6	18%	12	0	0%
RMCH	Rajshahi	11	4	36%	-	-	-	5	1	20%
SZRMCH	Bogra	10	6	60%	41	6	15%	5	0	0%
LAMB	Dinajpur	1	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	8	2	25%	-	-	-	7	0	0%
CoMCH	Comilla	4	2	50%	35	10	29%	5	0	0%
KMCH	Khulna	12	5	42%	-	-	-	6	0	0%
JGH	Jessore	14	7	50%	29	9	31%	5	1	20%
JRRMCH	Sylhet	2	0	0%	26	4	15%	5	0	0%
SBMCH	Barisal	8	1	13%	37	4	11%	10	0	0%
		93	37	40%	201	39	19%	85	3	4%

[†] 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
October 2012

Age groups	October 2012									Initiation - October 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	-	-	-	49	2	4%	69	1	1%	-	-	-	1536	97	6%	2080	84	4%
1-4 Years	-	-	-	67	11	16%	16	2	13%	-	-	-	2392	321	13%	614	59	10%
5-14 Years	23	11	48%	25	7	28%	-	-	-	829	180	22%	1434	315	22%	-	-	-
15-24 Years	21	7	33%	34	11	32%	-	-	-	1140	234	21%	1446	257	18%	-	-	-
25-39 Years	21	7	33%	16	4	25%	-	-	-	1187	225	19%	1260	195	15%	-	-	-
40-59 Years	19	7	37%	8	4	50%	-	-	-	1165	176	15%	751	104	14%	-	-	-
≥ 60 Years	9	5	56%	2	0	0%	-	-	-	1147	168	15%	247	24	10%	-	-	-
	93	37	40%	201	39	19%	85	3	4%	5468	983	18%	9066	1313	14%	2694	143	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 - October 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	1188	163	14%	95	68	0	15	28	0	52
CBMCH	Mymensingh	Oct 2007	1098	151	14%	93	58	0	7	42	0	44
JIMCH	Kishoregonj	Sep 2007	1777	323	18%	205	118	0	9	97	0	99
RMCH	Rajshahi	May 2007	1329	128	10%	83	45	0	14	38	0	31
SZRMCH	Bogra	Sep 2007	1849	257	14%	163	94	0	12	72	0	79
LAMB	Dinajpur	Oct 2007	841	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1078	116	11%	83	33	0	13	27	0	43
CoMCH	Comilla	Oct 2007	1993	263	13%	163	99	1	9	64	0	91
KMCH	Khulna	Jul 2007	1241	165	13%	113	52	0	16	52	0	45
JGH	Jessore	Sep 2007	1510	268	18%	167	101	0	10	62	0	95
JRRMCH	Sylhet	Jul 2007	1519	272	18%	166	106	0	16	59	0	91
SBMCH	Barisal	Aug 2007	1805	253	14%	152	98	3	9	59	0	87
			17228	2439	14.2%	1535	900	4	137	631	0	771

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

