



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

September 2012

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
September 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	23	2	9%	1	1	0	0	1	0	0
CBMCH	Mymensingh	25	7	28%	2	5	0	0	0	0	2
JIMCH	Kishoregonj	45	15	33%	4	11	0	0	1	0	3
RMCH	Rajshahi	16	4	25%	3	1	0	0	0	0	3
SZRMCH	Bogra	62	26	42%	9	17	0	0	1	0	8
LAMB	Dinajpur	7	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	14	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	72	17	24%	8	9	0	0	4	0	4
KMCH	Khulna	28	9	32%	4	5	0	0	0	0	4
JGH	Jessore	62	24	39%	12	12	0	0	0	0	12
JRRMCH	Sylhet	35	12	34%	2	10	0	0	0	0	2
SBMCH	Barisal	49	15	31%	0	15	0	0	0	0	0
		438	131	29.9%	45	86	0	0	7	0	38

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	14	1	7%	-	-	-	9	1	11%
CBMCH	Mymensingh	14	6	43%	-	-	-	11	1	9%
JIMCH	Kishoregonj	11	7	64%	24	8	33%	10	0	0%
RMCH	Rajshahi	11	4	36%	-	-	-	5	0	0%
SZRMCH	Bogra	13	5	38%	44	19	43%	5	2	40%
LAMB	Dinajpur	2	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	9	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	13	5	38%	52	12	23%	7	0	0%
KMCH	Khulna	19	9	47%	-	-	-	9	0	0%
JGH	Jessore	20	15	75%	29	9	31%	13	0	0%
JRRMCH	Sylhet	8	8	100%	22	4	18%	5	0	0%
SBMCH	Barisal	10	4	40%	34	11	32%	5	0	0%
		144	64	44%	205	63	31%	89	4	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
September 2012

Age groups	September 2012									Initiation - September 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	-	-	-	36	5	14%	76	3	4%	-	-	-	1487	95	6%	2011	83	4%
1-4 Years	-	-	-	63	13	21%	13	1	8%	-	-	-	2325	310	13%	598	57	10%
5-14 Years	36	17	47%	50	22	44%	-	-	-	806	169	21%	1409	308	22%	-	-	-
15-24 Years	35	18	51%	25	7	28%	-	-	-	1119	227	20%	1412	246	17%	-	-	-
25-39 Years	27	10	37%	14	5	36%	-	-	-	1166	218	19%	1244	191	15%	-	-	-
40-59 Years	26	11	42%	15	11	73%	-	-	-	1146	169	15%	743	100	13%	-	-	-
≥ 60 Years	20	8	40%	2	0	0%	-	-	-	1138	163	14%	245	24	10%	-	-	-
	144	64	44%	205	63	31%	89	4	4%	5375	946	18%	8865	1274	14%	2609	140	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 - September 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	1167	156	13%	91	65	0	15	26	0	50
CBMCH	Mymensingh	Oct 2007	1084	151	14%	93	58	0	7	42	0	44
JIMCH	Kishoregonj	Sep 2007	1724	313	18%	202	111	0	9	95	0	98
RMCH	Rajshahi	May 2007	1313	123	9%	82	41	0	14	38	0	30
SZRMCH	Bogra	Sep 2007	1793	245	14%	158	87	0	12	72	0	74
LAMB	Dinajpur	Oct 2007	835	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1063	114	11%	82	32	0	13	27	0	42
CoMCH	Comilla	Oct 2007	1949	251	13%	154	96	1	9	60	0	86
KMCH	Khulna	Jul 2007	1223	160	13%	113	47	0	16	52	0	45
JGH	Jessore	Sep 2007	1462	251	17%	163	88	0	10	62	0	91
JRRMCH	Sylhet	Jul 2007	1486	268	18%	166	102	0	16	59	0	91
SBMCH	Barisal	Aug 2007	1750	248	14%	150	95	3	9	58	0	86
			16849	2360	14%	1506	850	4	137	622	0	751

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

