



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

August 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
August 2013

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	3	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	11	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	23	1	4%	1	0	0	0	0	0	1
RMCH	Rajshahi	12	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	21	2	10%	2	0	0	0	0	0	2
LAMB	Dinajpur	5	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	10	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	27	1	4%	0	1	0	0	0	0	0
KMCH	Khulna	10	0	0%	0	0	0	0	0	0	0
JGH	Jessore	28	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	18	1	6%	1	0	0	0	0	0	1
SBMCH	Barisal	34	0	0%	0	0	0	0	0	0	0
		202	5	2.5%	4	1	0	0	0	0	4

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
August 2013

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	2	0	0%	-	-	-	1	0	0%
CBMCH	Mymensingh	6	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	5	0	0%	9	1	11%	9	0	0%
RMCH	Rajshahi	7	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	8	1	13%	8	1	13%	5	0	0%
LAMB	Dinajpur	0	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	5	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	5	0	0%	17	1	6%	5	0	0%
KMCH	Khulna	5	0	0%	-	-	-	5	0	0%
JGH	Jessore	9	0	0%	14	0	0%	5	0	0%
JRRMCH	Sylhet	7	1	14%	6	0	0%	5	0	0%
SBMCH	Barisal	6	0	0%	23	0	0%	5	0	0%
		65	2	3%	77	3	4%	60	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
August 2013

Age groups	August 2013									Initiation - August 2013								
	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	-	-	-	10	0	0%	44	0	0%	-	-	-	1755	123	7%	2556	106	4%
1-4 Years	-	-	-	21	0	0%	16	0	0%	-	-	-	2761	393	14%	753	76	10%
5-14 Years	12	0	0%	18	0	0%	-	-	-	986	199	20%	1609	350	22%	-	-	-
15-24 Years	16	1	6%	9	2	22%	-	-	-	1298	270	21%	1570	292	19%	-	-	-
25-39 Years	11	0	0%	10	1	10%	-	-	-	1372	272	20%	1382	221	16%	-	-	-
40-59 Years	14	1	7%	8	0	0%	-	-	-	1408	239	17%	843	118	14%	-	-	-
≥ 60 Years	12	0	0%	1	0	0%	-	-	-	1393	223	16%	278	30	11%	-	-	-
	65	2	3%	77	3	4%	60	0	0%	6457	1203	19%	10198	1527	15%	3309	182	6%

[†] 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 - August 2013

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	1294	186	14%	118	68	0	15	42	0	61
CBMCH	Mymensingh*	Oct 2007	1240	179	14%	121	58	0	7	59	0	55
JIMCH	Kishoregonj [‡]	Sep 2007	2084	392	19%	273	119	0	9	138	0	125
RMCH	Rajshahi	May 2007	1480	144	10%	99	45	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2125	294	14%	196	98	0	12	92	0	92
LAMB	Dinajpur	Oct 2007	920	86	9%	57	29	0	7	35	0	15
BBMH	Chittagong	Aug 2007	1191	136	11%	102	34	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2454	350	14%	242	107	1	9	110	0	124
KMCH	Khulna	Jul 2007	1367	187	14%	134	53	0	16	70	0	48
JGH	Jessore	Sep 2007	1821	327	18%	220	107	0	10	109	0	101
JRRMCH	Sylhet	Jul 2007	1770	309	17%	201	108	0	16	87	0	98
SBMCH	Barisal	Aug 2007	2218	322	15%	221	98	3	9	100	0	115
			19964	2912	14.6%	1984	924	4	137	928	0	922

[‡]One sample co-infected with both A(H3) and A(H1N1)pdm09

*One sample will be repeated

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - August 2013

