



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

April 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
April 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	11	6	55%	6	0	0	0	3	0	3
CBMCH	Mymensingh	17	3	18%	3	0	0	0	0	0	3
JIMCH	Kishoregonj	32	8	25%	8	0	0	0	2	0	6
RMCH	Rajshahi	15	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	27	1	4%	1	0	0	0	0	0	1
LAMB	Dinajpur	8	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	15	5	33%	5	0	0	0	0	0	5
CoMCH	Comilla	45	13	29%	13	0	0	0	0	0	13
KMCH	Khulna	14	3	21%	3	0	0	0	1	0	2
JGH	Jessore	30	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	28	1	4%	1	0	0	0	0	0	1
SBMCH	Barisal	46	2	4%	2	0	0	0	1	0	1
		288	42	14.6%	42	0	0	0	7	0	35

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	7	4	57%	-	-	-	4	2	50%
CBMCH	Mymensingh	12	3	25%	-	-	-	5	0	0%
JIMCH	Kishoregonj	11	4	36%	16	4	25%	5	0	0%
RMCH	Rajshahi	10	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	6	0	0%	16	1	6%	5	0	0%
LAMB	Dinajpur	3	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	10	5	50%	-	-	-	5	0	0%
CoMCH	Comilla	13	5	38%	27	7	26%	5	1	20%
KMCH	Khulna	9	2	22%	-	-	-	5	1	20%
JGH	Jessore	6	0	0%	19	0	0%	5	0	0%
JRRMCH	Sylhet	10	0	0%	13	1	8%	5	0	0%
SBMCH	Barisal	10	1	10%	30	1	3%	6	0	0%
		107	24	22%	121	14	12%	60	4	7%

[†] 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 2013

Age groups	April 2013									Initiation - April 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	-	-	-	26	1	4%	50	2	4%	-	-	-	1685	101	6%	2385	88	4%
1-4 Years	-	-	-	41	5	12%	10	2	20%	-	-	-	2636	339	13%	689	62	9%
5-14 Years	19	4	21%	19	3	16%	-	-	-	928	189	20%	1539	326	21%	-	-	-
15-24 Years	16	4	25%	14	1	7%	-	-	-	1226	245	20%	1517	262	17%	-	-	-
25-39 Years	22	5	23%	14	3	21%	-	-	-	1292	236	18%	1336	201	15%	-	-	-
40-59 Years	25	6	24%	5	1	20%	-	-	-	1293	192	15%	807	107	13%	-	-	-
≥ 60 Years	25	5	20%	2	0	0%	-	-	-	1289	180	14%	268	24	9%	-	-	-
	107	24	22%	121	14	12%	60	4	7%	6028	1042	17%	9788	1360	14%	3074	150	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 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	1255	172	14%	104	68	0	15	31	0	58
CBMCH	Mymensingh	Oct 2007	1181	158	13%	100	58	0	7	42	0	51
JIMCH	Kishoregonj	Sep 2007	1965	349	18%	230	119	0	9	102	0	119
RMCH	Rajshahi	May 2007	1420	128	9%	83	45	0	14	38	0	31
SZRMCH	Bogra	Sep 2007	2026	266	13%	168	98	0	12	72	0	84
LAMB	Dinajpur	Oct 2007	890	81	9%	52	29	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1145	124	11%	90	34	0	13	27	0	50
CoMCH	Comilla	Oct 2007	2274	289	13%	185	103	1	9	66	0	111
KMCH	Khulna	Jul 2007	1315	170	13%	117	53	0	16	53	0	48
JGH	Jessore	Sep 2007	1689	277	16%	170	107	0	10	62	0	98
JRRMCH	Sylhet	Jul 2007	1679	277	16%	169	108	0	16	59	0	94
SBMCH	Barisal	Aug 2007	2051	261	13%	160	98	3	9	60	0	94
			18890	2552	13.5%	1628	920	4	137	643	0	852

The five equivocal samples of March 2013 (shown as Influenza A-not subtyped in the March monthly report) were found negative for influenza in repeated laboratory analyses, and the results are incorporated in this report.

