



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

March 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
March 2014

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	13	2	15%	0	2	0	0	0	0	0
CBMCH	Mymensingh	19	1	5%	0	1	0	0	0	0	0
JIMCH	Kishoregonj	41	3	7%	0	3	0	0	0	0	0
RMCH	Rajshahi	19	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	36	2	6%	1	1	0	0	0	0	1
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	13	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	60	3	5%	1	2	0	0	0	0	1
KMCH	Khulna	17	0	0%	0	0	0	0	0	0	0
JGH	Jessore	33	1	3%	1	0	0	0	0	0	1
JRRMCH	Sylhet	35	6	17%	0	6	0	0	0	0	0
SBMCH	Barisal	53	0	0%	0	0	0	0	0	0	0
		348	18	5.2%	3	15	0	0	0	0	3

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
March 2014

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	8	2	25%	-	-	-	5	0	0%
CBMCH	Mymensingh	11	1	9%	-	-	-	8	0	0%
JIMCH	Kishoregonj	22	3	14%	14	0	0%	5	0	0%
RMCH	Rajshahi	14	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	12	0	0%	19	2	11%	5	0	0%
LAMB	Dinajpur	4	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	8	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	26	2	8%	29	1	3%	5	0	0%
KMCH	Khulna	12	0	0%	-	-	-	5	0	0%
JGH	Jessore	13	0	0%	15	1	7%	5	0	0%
JRRMCH	Sylhet	10	2	20%	20	4	20%	5	0	0%
SBMCH	Barisal	14	0	0%	31	0	0%	8	0	0%
		154	10	6%	128	8	6%	66	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
March 2014

Age groups	March 2014									Initiation - March 2014								
	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	-	-	-	25	1	4%	56	0	0%	-	-	-	1902	128	7%	2937	111	4%
1-4 Years	-	-	-	45	1	2%	10	0	0%	-	-	-	3003	409	14%	848	78	9%
5-14 Years	25	4	16%	11	2	18%	-	-	-	1088	211	19%	1698	367	22%	-	-	-
15-24 Years	18	2	11%	19	2	11%	-	-	-	1422	286	20%	1654	304	18%	-	-	-
25-39 Years	26	0	0%	15	0	0%	-	-	-	1496	281	19%	1468	227	15%	-	-	-
40-59 Years	33	1	3%	10	1	10%	-	-	-	1590	249	16%	904	124	14%	-	-	-
≥ 60 Years	52	3	6%	3	1	0%	-	-	-	1588	242	15%	293	31	11%	-	-	-
	154	10	6%	128	8	6%	66	0	0%	7,184	1,269	18%	10,922	1,590	15%	3,785	189	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 - March 2014

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	1376	194	14%	122	72	0	15	46	0	61
CBMCH	Mymensingh*	Oct 2007	1337	186	14%	122	64	0	7	60	0	55
JIMCH	Kishoregonj* [‡]	Sep 2007	2296	416	18%	279	137	0	9	144	0	125
RMCH	Rajshahi	May 2007	1608	148	9%	99	49	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2302	301	13%	199	102	0	12	92	0	95
LAMB	Dinajpur	Oct 2007	974	88	9%	58	30	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1258	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2775	376	14%	255	120	1	9	122	0	125
KMCH	Khulna	Jul 2007	1476	190	13%	137	53	0	16	73	0	48
JGH	Jessore	Sep 2007	2026	333	16%	224	109	0	10	112	0	102
JRRMCH	Sylhet	Jul 2007	1946	328	17%	204	124	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2517	350	14%	230	117	3	9	108	0	116
			21,891	3,048	14%	2,031	1013	4	137	968	0	929

[‡]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 - March 2014

