



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**January 2014**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**January 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	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	15	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	30	2	7%	0	2	0	0	0	0	0
RMCH	Rajshahi	18	1	6%	0	1	0	0	0	0	0
SZRMCH	Bogra	32	1	3%	0	1	0	0	0	0	0
LAMB	Dinajpur	7	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	6	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	61	3	5%	0	3	0	0	0	0	0
KMCH	Khulna	14	0	0%	0	0	0	0	0	0	0
JGH	Jessore	27	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	29	4	14%	0	4	0	0	0	0	0
SBMCH	Barisal	46	2	4%	0	2	0	0	0	0	0
		<b>298</b>	<b>13</b>	<b>4.4%</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Hospital based influenza surveillance**  
**Monthly enrollement by different surveillance groups**  
**January 2014**

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	5	0	0%	-	0	-	8	0	0%
CBMCH	Mymensingh	7	0	0%	-	0	-	8	0	0%
JIMCH	Kishoregonj	9	2	22%	10	0	0%	11	0	0%
RMCH	Rajshahi	13	1	8%	-	0	-	5	0	0%
SZRMCH	Bogra	14	0	0%	13	1	8%	5	0	0%
LAMB	Dinajpur	2	0	0%	-	0	-	5	0	0%
BBMH	Chittagong	1	0	0%	-	0	-	5	0	0%
CoMCH	Comilla	18	1	6%	33	2	6%	10	0	0%
KMCH	Khulna	9	0	0%	-	0	-	5	0	0%
JGH	Jessore	9	0	0%	13	0	0%	5	0	0%
JRRMCH	Sylhet	9	3	33%	12	1	8%	8	0	0%
SBMCH	Barisal	15	0	0%	22	2	9%	9	0	0%
		<b>111</b>	<b>7</b>	<b>6%</b>	<b>103</b>	<b>6</b>	<b>6%</b>	<b>84</b>	<b>0</b>	<b>0%</b>

<sup>†</sup> All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatric inpatients.

<sup>‡</sup> All ILI samples (all age groups) collected during 4 days in each month from both medicine and pediatrics OPD of selected six hospitals.

<sup>¥</sup> 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**  
**January 2014**

Age groups	January 2014									Initiation - January 2014								
	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>			SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
<1 Year	-	-	-	23	0	0%	71	0	0%	-	-	-	1853	127	7%	2820	110	4%
1-4 Years	-	-	-	33	2	6%	13	0	0%	-	-	-	2917	407	14%	830	78	9%
5-14 Years	8	0	0%	12	1	8%	-	-	-	1051	207	20%	1673	365	22%	-	-	-
15-24 Years	12	1	8%	9	0	0%	-	-	-	1388	283	20%	1624	302	19%	-	-	-
25-39 Years	18	0	0%	14	1	7%	-	-	-	1457	281	19%	1438	225	16%	-	-	-
40-59 Years	36	3	8%	12	2	17%	-	-	-	1521	247	16%	884	123	14%	-	-	-
≥ 60 Years	37	3	8%	0	0	0%	-	-	-	1496	236	16%	287	30	10%	-	-	-
	<b>111</b>	<b>7</b>	<b>6%</b>	<b>103</b>	<b>6</b>	<b>6%</b>	<b>84</b>	<b>0</b>	<b>0%</b>	<b>6,913</b>	<b>1,254</b>	<b>18%</b>	<b>10,676</b>	<b>1,579</b>	<b>15%</b>	<b>3,650</b>	<b>188</b>	<b>5%</b>

<sup>†</sup> All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatric inpatients.

<sup>‡</sup> All ILI samples (all age groups) collected during 4 days in each month from both medicine and pediatrics OPD of selected six hospitals.

<sup>¥</sup> 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 - January 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	1352	192	14%	122	70	0	15	46	0	61
CBMCH	Mymensingh*	Oct 2007	1305	185	14%	122	63	0	7	60	0	55
JIMCH	Kishoregonj* <sup>‡</sup>	Sep 2007	2223	413	19%	279	134	0	9	144	0	125
RMCH	Rajshahi	May 2007	1571	146	9%	99	47	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2237	298	13%	198	100	0	12	92	0	94
LAMB	Dinajpur	Oct 2007	955	88	9%	58	30	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1232	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2665	371	14%	254	116	1	9	122	0	124
KMCH	Khulna	Jul 2007	1440	190	13%	137	53	0	16	73	0	48
JGH	Jessore	Sep 2007	1962	332	17%	223	109	0	10	112	0	101
JRRMCH	Sylhet	Jul 2007	1884	319	17%	204	115	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2413	349	14%	230	116	3	9	108	0	116
			<b>21,239</b>	<b>3,021</b>	<b>14.2%</b>	<b>2,028</b>	<b>989</b>	<b>4</b>	<b>137</b>	<b>968</b>	<b>0</b>	<b>926</b>

<sup>‡</sup>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 - January 2014**

