



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**November 2013**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**November 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	12	2	17%	0	2	0	0	0	0	0
CBMCH	Mymensingh	12	3	25%	0	3	0	0	0	0	0
JIMCH	Kishoregonj	27	8	30%	0	8	0	0	0	0	0
RMCH	Rajshahi	16	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	21	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	8	1	13%	0	1	0	0	0	0	0
BBMH	Chittagong	5	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	38	4	11%	3	1	0	0	3	0	0
KMCH	Khulna	19	1	5%	1	0	0	0	1	0	0
JGH	Jessore	29	2	7%	2	0	0	0	2	0	0
JRRMCH	Sylhet	23	3	13%	0	3	0	0	0	0	0
SBMCH	Barisal	43	6	14%	0	6	0	0	0	0	0
		<b>253</b>	<b>30</b>	<b>11.9%</b>	<b>6</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>

**Hospital based influenza surveillance**  
**Monthly enrollement by different surveillance groups**  
**November 2013**

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	7	1	14%	-	-	-	5	1	20%
CBMCH	Mymensingh	7	3	43%	-	-	-	5	0	0%
JIMCH	Kishoregonj	7	3	43%	15	5	33%	5	0	0%
RMCH	Rajshahi	11	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	7	0	0%	9	0	0%	5	0	0%
LAMB	Dinajpur	3	0	0%	-	-	-	5	1	20%
BBMH	Chittagong	0	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	7	0	0%	26	3	12%	5	1	20%
KMCH	Khulna	14	1	7%	-	-	-	5	0	0%
JGH	Jessore	8	2	25%	16	0	0%	5	0	0%
JRRMCH	Sylhet	6	1	17%	12	2	17%	5	0	0%
SBMCH	Barisal	13	3	23%	25	2	8%	5	1	20%
		<b>90</b>	<b>14</b>	<b>16%</b>	<b>103</b>	<b>12</b>	<b>12%</b>	<b>60</b>	<b>4</b>	<b>7%</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.

**Hospital based influenza surveillance**  
**Influenza results by different age groups**  
**November 2013**

Age groups	November 2013									Initiation - November 2013								
	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	-	-	-	22	0	0%	47	3	6%	-	-	-	1817	126	7%	2695	110	4%
1-4 Years	-	-	-	34	4	12%	13	1	8%	-	-	-	2864	402	14%	801	78	10%
5-14 Years	16	4	25%	16	5	31%	-	-	-	1037	206	20%	1651	361	22%	-	-	-
15-24 Years	21	4	19%	10	2	20%	-	-	-	1363	281	21%	1598	299	19%	-	-	-
25-39 Years	12	2	17%	10	0	0%	-	-	-	1422	279	20%	1414	224	16%	-	-	-
40-59 Years	21	0	0%	8	1	13%	-	-	-	1468	243	17%	867	121	14%	-	-	-
≥ 60 Years	20	4	20%	3	0	0%	-	-	-	1439	232	16%	285	30	11%	-	-	-
	<b>90</b>	<b>14</b>	<b>16%</b>	<b>103</b>	<b>12</b>	<b>12%</b>	<b>60</b>	<b>4</b>	<b>7%</b>	<b>6729</b>	<b>1241</b>	<b>18%</b>	<b>10496</b>	<b>1563</b>	<b>15%</b>	<b>3496</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.

**Hospital based influenza surveillance**  
**Hospitalwise influenza lab results**  
**Surveillance initiation - November 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	1329	192	14%	122	70	0	15	46	0	61
CBMCH	Mymensingh*	Oct 2007	1276	184	14%	122	62	0	7	60	0	55
JIMCH	Kishoregonj* <sup>‡</sup>	Sep 2007	2168	405	19%	278	127	0	9	143	0	125
RMCH	Rajshahi	May 2007	1536	145	9%	99	46	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2190	296	14%	198	98	0	12	92	0	94
LAMB	Dinajpur	Oct 2007	943	88	9%	58	30	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1216	137	11%	102	35	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2570	366	14%	254	111	1	9	122	0	124
KMCH	Khulna	Jul 2007	1412	190	13%	137	53	0	16	73	0	48
JGH	Jessore	Sep 2007	1906	331	17%	223	108	0	10	112	0	101
JRRMCH	Sylhet	Jul 2007	1839	315	17%	204	111	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2336	343	15%	230	110	3	9	108	0	116
			<b>20721</b>	<b>2992</b>	<b>14.4%</b>	<b>2027</b>	<b>961</b>	<b>4</b>	<b>137</b>	<b>967</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 - November 2013**

