



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**October 2013**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**October 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	8	2	25%	2	0	0	0	2	0	0
CBMCH	Mymensingh	12	1	8%	0	1	0	0	0	0	0
JIMCH	Kishoregonj*	30	4	13%	4	0	0	0	4	0	0
RMCH	Rajshahi	17	1	6%	0	1	0	0	0	0	0
SZRMCH	Bogra	23	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	8	1	13%	1	0	0	0	1	0	0
BBMH	Chittagong	12	1	8%	0	1	0	0	0	0	0
CoMCH	Comilla	36	9	25%	7	2	0	0	7	0	0
KMCH	Khulna	11	2	18%	2	0	0	0	2	0	0
JGH	Jessore	29	2	7%	1	1	0	0	1	0	0
JRRMCH	Sylhet	20	2	10%	2	0	0	0	2	0	0
SBMCH	Barisal	39	10	26%	5	5	0	0	5	0	0
		<b>245</b>	<b>35</b>	<b>14.3%</b>	<b>24</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>

\*One sample will be repeated

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

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	3	0	0%	-	-	-	5	2	40%
CBMCH	Mymensingh	7	1	14%	-	-	-	5	0	0%
JIMCH	Kishoregonj*	11	3	27%	14	1	7%	5	0	0%
RMCH	Rajshahi	12	1	8%	-	-	-	5	0	0%
SZRMCH	Bogra	6	0	0%	12	0	0%	5	0	0%
LAMB	Dinajpur	3	1	0%	-	-	-	5	0	0%
BBMH	Chittagong	7	1	14%	-	-	-	5	0	0%
CoMCH	Comilla	6	0	0%	25	9	36%	5	0	0%
KMCH	Khulna	6	2	33%	-	-	-	5	0	0%
JGH	Jessore	8	1	13%	16	1	6%	5	0	0%
JRRMCH	Sylhet	6	0	0%	9	2	22%	5	0	0%
SBMCH	Barisal	9	4	44%	25	6	24%	5	0	0%
		<b>84</b>	<b>14</b>	<b>17%</b>	<b>101</b>	<b>19</b>	<b>19%</b>	<b>60</b>	<b>2</b>	<b>3%</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.

\* One sample will be repeated

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

Age groups	October 2013									Initiation - October 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	-	-	-	24	2	8%	44	1	2%	-	-	-	1795	126	7%	2648	107	4%
1-4 Years	-	-	-	31	5	16%	16	1	6%	-	-	-	2830	398	14%	788	77	10%
5-14 Years	15	2	13%	14	4	29%	-	-	-	1021	202	20%	1635	356	22%	-	-	-
15-24 Years	22	5	23%	6	3	50%	-	-	-	1342	277	21%	1588	297	19%	-	-	-
25-39 Years	16	3	19%	13	3	23%	-	-	-	1410	277	20%	1404	224	16%	-	-	-
40-59 Years	19	2	11%	10	2	20%	-	-	-	1447	243	17%	859	120	14%	-	-	-
≥ 60 Years	12	2	17%	3	0	0%	-	-	-	1419	228	16%	282	30	11%	-	-	-
	<b>84</b>	<b>14</b>	<b>17%</b>	<b>101</b>	<b>19</b>	<b>19%</b>	<b>60</b>	<b>2</b>	<b>3%</b>	<b>6639</b>	<b>1227</b>	<b>18%</b>	<b>10393</b>	<b>1551</b>	<b>15%</b>	<b>3436</b>	<b>184</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 - October 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	1317	190	14%	122	68	0	15	46	0	61
CBMCH	Mymensingh*	Oct 2007	1264	181	14%	122	59	0	7	60	0	55
JIMCH	Kishoregonj* <sup>‡</sup>	Sep 2007	2141	397	19%	278	119	0	9	143	0	125
RMCH	Rajshahi	May 2007	1520	145	10%	99	46	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2169	296	14%	198	98	0	12	92	0	94
LAMB	Dinajpur	Oct 2007	935	87	9%	58	29	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1211	137	11%	102	35	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2532	362	14%	251	110	1	9	119	0	124
KMCH	Khulna	Jul 2007	1393	189	14%	136	53	0	16	72	0	48
JGH	Jessore	Sep 2007	1877	329	18%	221	108	0	10	110	0	101
JRRMCH	Sylhet	Jul 2007	1816	312	17%	204	108	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2293	337	15%	230	104	3	9	108	0	116
			<b>20468</b>	<b>2962</b>	<b>14.5%</b>	<b>2021</b>	<b>937</b>	<b>4</b>	<b>137</b>	<b>961</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 - October 2013**

