



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**June 2012**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**June 2012**

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	17	1	6%	0	1	0	0	0	0	0
CBMCH	Mymensingh	16	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	41	1	2%	1	0	0	0	0	0	1
RMCH	Rajshahi <sup>1</sup>	15	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	42	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	13	1	8%	1	0	0	0	0	0	1
CoMCH	Comilla	46	4	9%	1	3	0	0	0	0	1
KMCH	Khulna	14	1	7%	1	0	0	0	0	0	1
JGH	Jessore	26	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	32	6	19%	4	2	0	0	0	0	4
SBMCH	Barisal	49	2	4%	2	0	0	0	0	0	2
		<b>320</b>	<b>16</b>	<b>5%</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>

<sup>1</sup> One sample will be repeated

**Hospital based influenza surveillance**  
**Monthly enrollement by different surveillance groups**  
**June 2012**

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Total	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	8	0	0%	-	-	-	9	1	11%
CBMCH	Mymensingh	11	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	14	0	0%	22	1	5%	5	0	0%
RMCH	Rajshahi <sup>1</sup>	10	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	9	0	0%	28	0	0%	5	0	0%
LAMB	Dinajpur	4	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	8	1	13%	-	-	-	5	0	0%
CoMCH	Comilla	8	0	0%	33	4	12%	5	0	0%
KMCH	Khulna	9	1	11%	-	-	-	5	0	0%
JGH	Jessore	8	0	0%	13	0	0%	5	0	0%
JRRMCH	Sylhet	9	3	33%	18	3	17%	5	0	0%
SBMCH	Barisal	12	0	0%	32	2	6%	5	0	0%
		<b>110</b>	<b>5</b>	<b>5%</b>	<b>146</b>	<b>10</b>	<b>7%</b>	<b>64</b>	<b>1</b>	<b>2%</b>

<sup>1</sup> One sample will be repeated

<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**  
**June 2012**

Age groups	June 2012									Initiation - June 2012								
	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	-	-	-	37	0	0%	43	0	0%	-	-	-	1389	84	6%	1852	76	4%
1-4 Years	-	-	-	45	3	7%	21	1	5%	-	-	-	2172	283	13%	545	52	10%
5-14 Years	14	0	0%	17	2	12%	-	-	-	730	144	20%	1316	274	21%	-	-	-
15-24 Years	20	1	5%	21	0	0%	-	-	-	1042	203	19%	1356	231	17%	-	-	-
25-39 Years	22	0	0%	16	5	31%	-	-	-	1079	191	18%	1198	179	15%	-	-	-
40-59 Years	29	3	10%	6	0	0%	-	-	-	1071	147	14%	709	85	12%	-	-	-
≥ 60 Years	25	1	4%	4	0	0%	-	-	-	1081	149	14%	236	23	10%	-	-	-
	<b>110</b>	<b>5</b>	<b>5%</b>	<b>146</b>	<b>10</b>	<b>7%</b>	<b>64</b>	<b>1</b>	<b>2%</b>	<b>5003</b>	<b>834</b>	<b>17%</b>	<b>8376</b>	<b>1159</b>	<b>14%</b>	<b>2397</b>	<b>128</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 - June 2012**

Hospital	District	Initiation	Total	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	(H1N1)pdm09
DNMCH	Dhaka	Jun 2007	1109	144	13%	89	55	0	15	24	0	50
CBMCH	Mymensingh	Oct 2007	1030	140	14%	90	50	0	7	42	0	41
JIMCH	Kishoregonj	Sep 2007	1608	284	18%	194	90	0	9	94	0	91
RMCH	Rajshahi <sup>1</sup>	May 2007	1267	117	9%	78	39	0	14	38	0	26
SZRMCH	Bogra	Sep 2007	1656	208	13%	147	61	0	12	71	0	64
LAMB	Dinajpur	Oct 2007	810	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1019	109	11%	80	29	0	13	27	0	40
CoMCH	Comilla	Oct 2007	1779	218	12%	144	73	1	9	55	0	81
KMCH	Khulna	Jul 2007	1169	147	13%	106	41	0	16	52	0	38
JGH	Jessore	Sep 2007	1328	215	16%	142	73	0	10	62	0	70
JRRMCH	Sylhet	Jul 2007	1389	236	17%	159	77	0	16	59	0	84
SBMCH	Barisal	Aug 2007	1612	223	14%	146	74	3	9	58	0	82
			<b>15776</b>	<b>2121</b>	<b>13.4%</b>	<b>1427</b>	<b>690</b>	<b>4</b>	<b>137</b>	<b>613</b>	<b>0</b>	<b>681</b>

<sup>1</sup> One sample will be repeated

**Hospital based influenza surveillance**  
**Influenza seasonality graph**  
**May 2007 - June 2012**

