



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**November 2012**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**November 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	23	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	12	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	28	6	21%	5	1	0	0	3	0	2
RMCH	Rajshahi	14	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	42	3	7%	1	2	0	0	0	0	1
LAMB	Dinajpur	9	1	11%	0	1	0	0	0	0	0
BBMH	Chittagong	9	1	11%	0	1	0	0	0	0	0
CoMCH	Comilla	44	5	11%	2	3	0	0	2	0	0
KMCH	Khulna	13	1	8%	1	0	0	0	0	0	1
JGH	Jessore	35	6	17%	1	5	0	0	0	0	1
JRRMCH	Sylhet	35	3	9%	1	2	0	0	0	0	1
SBMCH	Barisal	40	2	5%	2	0	0	0	0	0	2
		<b>304</b>	<b>28</b>	<b>9.2%</b>	<b>13</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>8</b>

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

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	18	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	7	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	8	2	25%	15	4	27%	5	0	0%
RMCH	Rajshahi	9	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	13	1	8%	24	1	4%	5	1	20%
LAMB	Dinajpur	4	1	25%	-	-	-	5	0	0%
BBMH	Chittagong	4	1	25%	-	-	-	5	0	0%
CoMCH	Comilla	10	1	10%	29	4	14%	5	0	0%
KMCH	Khulna	8	1	13%	-	-	-	5	0	0%
JGH	Jessore	9	1	11%	21	5	24%	5	0	0%
JRRMCH	Sylhet	10	1	10%	20	2	10%	5	0	0%
SBMCH	Barisal	9	1	11%	25	1	4%	6	0	0%
		<b>109</b>	<b>10</b>	<b>9%</b>	<b>134</b>	<b>17</b>	<b>13%</b>	<b>61</b>	<b>1</b>	<b>2%</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  
November 2012**

Age groups	November 2012									Initiation - November 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	-	-	-	26	2	8%	50	1	2%	-	-	-	1562	99	6%	2130	85	4%
1-4 Years	-	-	-	41	7	17%	11	0	0%	-	-	-	2433	328	13%	625	59	9%
5-14 Years	22	3	14%	25	5	20%	-	-	-	851	183	22%	1459	320	22%	-	-	-
15-24 Years	24	2	8%	13	2	15%	-	-	-	1164	236	20%	1459	259	18%	-	-	-
25-39 Years	21	1	5%	20	1	5%	-	-	-	1208	226	19%	1280	196	15%	-	-	-
40-59 Years	23	2	9%	5	0	0%	-	-	-	1188	178	15%	756	104	14%	-	-	-
≥ 60 Years	19	2	11%	4	0	0%	-	-	-	1166	170	15%	251	24	10%	-	-	-
	<b>109</b>	<b>10</b>	<b>9%</b>	<b>134</b>	<b>17</b>	<b>13%</b>	<b>61</b>	<b>1</b>	<b>2%</b>	<b>5577</b>	<b>993</b>	<b>18%</b>	<b>9200</b>	<b>1330</b>	<b>14%</b>	<b>2755</b>	<b>144</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 - November 2012**

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	1211	163	13%	95	68	0	15	28	0	52
CBMCH	Mymensingh	Oct 2007	1110	151	14%	93	58	0	7	42	0	44
JIMCH	Kishoregonj	Sep 2007	1805	329	18%	210	119	0	9	100	0	101
RMCH	Rajshahi	May 2007	1343	128	10%	83	45	0	14	38	0	31
SZRMCH	Bogra	Sep 2007	1891	260	14%	164	96	0	12	72	0	80
LAMB	Dinajpur	Oct 2007	850	81	10%	52	29	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1087	117	11%	83	34	0	13	27	0	43
CoMCH	Comilla	Oct 2007	2037	268	13%	165	102	1	9	66	0	91
KMCH	Khulna	Jul 2007	1254	166	13%	114	52	0	16	52	0	46
JGH	Jessore	Sep 2007	1545	274	18%	168	106	0	10	62	0	96
JRRMCH	Sylhet	Jul 2007	1554	275	18%	167	108	0	16	59	0	92
SBMCH	Barisal	Aug 2007	1845	255	14%	154	98	3	9	59	0	89
			<b>17532</b>	<b>2467</b>	<b>14.1%</b>	<b>1548</b>	<b>915</b>	<b>4</b>	<b>137</b>	<b>636</b>	<b>0</b>	<b>779</b>

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

