



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**July 2012**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**July 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	15	4	27%	0	4	0	0	0	0	0
CBMCH	Mymensingh	14	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	36	5	14%	3	2	0	0	0	0	3
RMCH	Rajshahi	14	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	39	2	5%	0	2	0	0	0	0	0
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	17	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	51	6	12%	1	5	0	0	0	0	1
KMCH	Khulna	16	1	6%	1	0	0	0	0	0	1
JGH	Jessore	29	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	32	10	31%	5	5	0	0	0	0	5
SBMCH	Barisal	46	2	4%	2	0	0	0	0	0	2
		<b>318</b>	<b>30</b>	<b>9.4%</b>	<b>12</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>

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

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Total	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	10	4	40%	-	-	-	5	0	0%
CBMCH	Mymensingh	9	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	11	2	18%	20	2	10%	5	1	20%
RMCH	Rajshahi	9	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	12	1	8%	22	0	0%	5	1	20%
LAMB	Dinajpur	3	0	0%	-	-	-	6	0	0%
BBMH	Chittagong	12	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	16	3	19%	30	3	10%	5	0	0%
KMCH	Khulna	11	1	9%	-	-	-	5	0	0%
JGH	Jessore	10	0	0%	14	0	0%	5	0	0%
JRRMCH	Sylhet	11	5	45%	16	5	31%	5	0	0%
SBMCH	Barisal	9	0	0%	32	1	3%	5	1	20%
		<b>123</b>	<b>16</b>	<b>13%</b>	<b>134</b>	<b>11</b>	<b>8%</b>	<b>61</b>	<b>3</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**  
**Influenza results by different age groups**  
**July 2012**

Age groups	July 2012									Initiation - July 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	-	-	-	33	1	3%	44	3	7%	-	-	-	1422	85	6%	1896	79	4%
1-4 Years	-	-	-	42	2	5%	17	0	0%	-	-	-	2214	285	13%	562	52	9%
5-14 Years	26	4	15%	17	2	12%	-	-	-	756	148	20%	1333	276	21%	-	-	-
15-24 Years	23	3	13%	17	5	29%	-	-	-	1065	206	19%	1373	236	17%	-	-	-
25-39 Years	27	5	19%	17	1	6%	-	-	-	1106	196	18%	1215	180	15%	-	-	-
40-59 Years	27	3	11%	7	0	0%	-	-	-	1098	150	14%	716	85	12%	-	-	-
≥ 60 Years	20	1	5%	1	0	0%	-	-	-	1102	150	14%	237	23	10%	-	-	-
	<b>123</b>	<b>16</b>	<b>13%</b>	<b>134</b>	<b>11</b>	<b>8%</b>	<b>61</b>	<b>3</b>	<b>5%</b>	<b>5127</b>	<b>850</b>	<b>17%</b>	<b>8510</b>	<b>1170</b>	<b>14%</b>	<b>2458</b>	<b>131</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 - July 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	1124	148	13%	89	59	0	15	24	0	50
CBMCH	Mymensingh	Oct 2007	1044	140	13%	90	50	0	7	42	0	41
JIMCH	Kishoregonj	Sep 2007	1644	289	18%	197	92	0	9	94	0	94
RMCH	Rajshahi	May 2007	1281	117	9%	78	39	0	14	38	0	26
SZRMCH	Bogra	Sep 2007	1695	210	12%	147	63	0	12	71	0	64
LAMB	Dinajpur	Oct 2007	819	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1036	109	11%	80	29	0	13	27	0	40
CoMCH	Comilla	Oct 2007	1831	224	12%	145	78	1	9	55	0	82
KMCH	Khulna	Jul 2007	1185	148	12%	107	41	0	16	52	0	39
JGH	Jessore	Sep 2007	1357	215	16%	142	73	0	10	62	0	70
JRRMCH	Sylhet	Jul 2007	1421	246	17%	164	82	0	16	59	0	89
SBMCH	Barisal	Aug 2007	1658	225	14%	148	74	3	9	58	0	84
			<b>16095</b>	<b>2151</b>	<b>13.4%</b>	<b>1439</b>	<b>708</b>	<b>4</b>	<b>137</b>	<b>613</b>	<b>0</b>	<b>693</b>

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

