



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**August 2012**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**August 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	20	6	30%	1	5	0	0	1	0	0
CBMCH	Mymensingh	15	4	27%	1	3	0	0	0	0	1
JIMCH	Kishoregonj	35	9	26%	1	8	0	0	0	0	1
RMCH	Rajshahi	16	2	13%	1	1	0	0	0	0	1
SZRMCH	Bogra	36	9	25%	2	7	0	0	0	0	2
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	13	5	38%	2	3	0	0	0	0	2
CoMCH	Comilla	46	10	22%	1	9	0	0	1	0	0
KMCH	Khulna	10	3	30%	2	1	0	0	0	0	2
JGH	Jessore	43	12	28%	9	3	0	0	0	0	9
JRRMCH	Sylhet	30	10	33%	0	10	0	0	0	0	0
SBMCH	Barisal	43	8	19%	2	6	0	0	0	0	2
		<b>316</b>	<b>78</b>	<b>24.7%</b>	<b>22</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>20</b>

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

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	15	4	27%	-	-	-	5	2	40%
CBMCH	Mymensingh	9	4	44%	-	-	-	6	0	0%
JIMCH	Kishoregonj	11	2	18%	19	7	37%	5	0	0%
RMCH	Rajshahi	11	2	18%	-	-	-	5	0	0%
SZRMCH	Bogra	9	3	33%	22	5	23%	5	1	20%
LAMB	Dinajpur	4	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	7	4	57%	-	-	-	6	1	17%
CoMCH	Comilla	6	0	0%	35	10	29%	5	0	0%
KMCH	Khulna	5	2	40%	-	-	-	5	1	20%
JGH	Jessore	13	6	46%	25	6	24%	5	0	0%
JRRMCH	Sylhet	8	5	63%	17	5	29%	5	0	0%
SBMCH	Barisal	6	0	0%	32	8	25%	5	0	0%
		<b>104</b>	<b>32</b>	<b>31%</b>	<b>150</b>	<b>41</b>	<b>27%</b>	<b>62</b>	<b>5</b>	<b>8%</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**  
**August 2012**

Age groups	August 2012									Initiation - August 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	-	-	-	29	5	17%	39	1	3%	-	-	-	1451	90	6%	1935	80	4%
1-4 Years	-	-	-	48	12	25%	23	4	17%	-	-	-	2262	297	13%	585	56	10%
5-14 Years	14	4	29%	26	10	38%	-	-	-	770	152	20%	1359	286	21%	-	-	-
15-24 Years	19	3	16%	14	3	21%	-	-	-	1084	209	19%	1387	239	17%	-	-	-
25-39 Years	33	12	36%	15	6	40%	-	-	-	1139	208	18%	1230	186	15%	-	-	-
40-59 Years	22	8	36%	12	4	33%	-	-	-	1120	158	14%	728	89	12%	-	-	-
≥ 60 Years	16	5	31%	6	1	17%	-	-	-	1118	155	14%	243	24	10%	-	-	-
	<b>104</b>	<b>32</b>	<b>31%</b>	<b>150</b>	<b>41</b>	<b>27%</b>	<b>62</b>	<b>5</b>	<b>8%</b>	<b>5231</b>	<b>882</b>	<b>17%</b>	<b>8660</b>	<b>1211</b>	<b>14%</b>	<b>2520</b>	<b>136</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 - August 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	1144	154	13%	90	64	0	15	25	0	50
CBMCH	Mymensingh	Oct 2007	1059	144	14%	91	53	0	7	42	0	42
JIMCH	Kishoregonj	Sep 2007	1679	298	18%	198	100	0	9	94	0	95
RMCH	Rajshahi	May 2007	1297	119	9%	79	40	0	14	38	0	27
SZRMCH	Bogra	Sep 2007	1731	219	13%	149	70	0	12	71	0	66
LAMB	Dinajpur	Oct 2007	828	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1049	114	11%	82	32	0	13	27	0	42
CoMCH	Comilla	Oct 2007	1877	234	12%	146	87	1	9	56	0	82
KMCH	Khulna	Jul 2007	1195	151	13%	109	42	0	16	52	0	41
JGH	Jessore	Sep 2007	1400	227	16%	151	76	0	10	62	0	79
JRRMCH	Sylhet	Jul 2007	1451	256	18%	164	92	0	16	59	0	89
SBMCH	Barisal	Aug 2007	1701	233	14%	150	80	3	9	58	0	86
			<b>16411</b>	<b>2229</b>	<b>13.6%</b>	<b>1461</b>	<b>764</b>	<b>4</b>	<b>137</b>	<b>615</b>	<b>0</b>	<b>713</b>

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

