



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**February 2014**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**February 2014**

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	11	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	13	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	32	0	0%	0	0	0	0	0	0	0
RMCH	Rajshahi	18	2	11%	0	2	0	0	0	0	0
SZRMCH	Bogra	29	1	3%	0	1	0	0	0	0	0
LAMB	Dinajpur	10	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	13	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	50	2	4%	0	2	0	0	0	0	0
KMCH	Khulna	19	0	0%	0	0	0	0	0	0	0
JGH	Jessore	31	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	27	3	11%	0	3	0	0	0	0	0
SBMCH	Barisal	51	1	2%	0	1	0	0	0	0	0
		<b>304</b>	<b>9</b>	<b>3%</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Hospital based influenza surveillance**  
**Monthly enrollement by different surveillance groups**  
**February 2014**

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	6	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	8	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	13	0	0%	14	0	0%	5	0	0%
RMCH	Rajshahi	13	2	15%	-	-	-	5	0	0%
SZRMCH	Bogra	9	0	0%	15	0	0%	5	1	20%
LAMB	Dinajpur	5	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	8	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	12	0	0%	33	2	6%	5	0	0%
KMCH	Khulna	12	0	0%	-	-	-	7	0	0%
JGH	Jessore	7	0	0%	17	0	0%	7	0	0%
JRRMCH	Sylhet	8	3	38%	14	0	0%	5	0	0%
SBMCH	Barisal	16	0	0%	25	1	4%	10	0	0%
		<b>117</b>	<b>5</b>	<b>4%</b>	<b>118</b>	<b>3</b>	<b>3%</b>	<b>69</b>	<b>1</b>	<b>1%</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**  
**February 2014**

Age groups	February 2014									Initiation - February 2014								
	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	0	0%	61	1	2%	-	-	-	1877	127	7%	2881	111	4%
1-4 Years	-	-	-	41	1	2%	8	0	0%	-	-	-	2958	408	14%	838	78	9%
5-14 Years	12	0	0%	14	0	0%	-	-	-	1063	207	19%	1687	365	22%	-	-	-
15-24 Years	16	1	6%	11	0	0%	-	-	-	1404	284	20%	1635	302	18%	-	-	-
25-39 Years	13	0	0%	15	2	13%	-	-	-	1470	281	19%	1453	227	16%	-	-	-
40-59 Years	36	1	3%	10	0	0%	-	-	-	1557	248	16%	894	123	14%	-	-	-
≥ 60 Years	40	3	8%	3	0	0%	-	-	-	1536	239	16%	290	30	10%	-	-	-
	<b>117</b>	<b>5</b>	<b>4%</b>	<b>118</b>	<b>3</b>	<b>3%</b>	<b>69</b>	<b>1</b>	<b>1%</b>	<b>7,030</b>	<b>1,259</b>	<b>18%</b>	<b>10,794</b>	<b>1,582</b>	<b>15%</b>	<b>3,719</b>	<b>189</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 - February 2014**

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	1363	192	14%	122	70	0	15	46	0	61
CBMCH	Mymensingh*	Oct 2007	1318	185	14%	122	63	0	7	60	0	55
JIMCH	Kishoregonj* <sup>‡</sup>	Sep 2007	2255	413	18%	279	134	0	9	144	0	125
RMCH	Rajshahi	May 2007	1589	148	9%	99	49	0	14	51	0	34
SZRMCH	Bogra	Sep 2007	2266	299	13%	198	101	0	12	92	0	94
LAMB	Dinajpur	Oct 2007	965	88	9%	58	30	0	7	36	0	15
BBMH	Chittagong	Aug 2007	1245	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2715	373	14%	254	118	1	9	122	0	124
KMCH	Khulna	Jul 2007	1459	190	13%	137	53	0	16	73	0	48
JGH	Jessore	Sep 2007	1993	332	17%	223	109	0	10	112	0	101
JRRMCH	Sylhet	Jul 2007	1911	322	17%	204	118	0	16	89	0	99
SBMCH	Barisal	Aug 2007	2464	350	14%	230	117	3	9	108	0	116
			<b>21,543</b>	<b>3,030</b>	<b>14.1%</b>	<b>2,028</b>	<b>998</b>	<b>4</b>	<b>137</b>	<b>968</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 - February 2014**

