



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**December 2014**



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

Hospital	District				ILI <sup>†</sup>			Severe Pneumonia <sup>*</sup>		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
DNMCH	Dhaka	6	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	9	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	11	0	0%	9	0	0%	5	0	0%
RMCH	Rajshahi	5	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	8	0	0%	11	0	0%	5	0	0%
LAMB	Dinajpur	3	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	2	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	12	0	0%	24	0	0%	5	0	0%
KMCH	Khulna	6	0	0%	-	-	-	5	0	0%
JGH	Jessore	10	0	0%	17	0	0%	5	0	0%
JRRMCH	Sylhet	7	0	0%	17	0	0%	5	0	0%
SBMCH	Barisal	14	0	0%	24	0	0%	5	0	0%
CMCH	Chittagong	13	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	8	0	0%	-	-	-	5	0	0%
		<b>114</b>	<b>0</b>	<b>0%</b>	<b>102</b>	<b>0</b>	<b>0%</b>	<b>70</b>	<b>0</b>	<b>0%</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.

**Hospital based influenza surveillance**  
**Influenza results by different age groups**  
**December 2014**

Age groups	December 2014									Initiation - December 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	-	-	-	13	0	0%	54	0	0%	-	-	-	2088	146	7%	3420	131	4%
1-4 Years	-	-	-	41	0	0%	16	0	0%	-	-	-	3298	456	14%	1004	88	9%
5-14 Years	14	0	0%	12	0	0%	-	-	-	1255	249	20%	1827	412	23%	-	-	-
15-24 Years	29	0	0%	12	0	0%	-	-	-	1671	349	21%	1775	336	19%	-	-	-
25-39 Years	16	0	0%	11	0	0%	-	-	-	1724	342	20%	1580	249	16%	-	-	-
40-59 Years	21	0	0%	8	0	0%	-	-	-	1896	329	17%	988	148	15%	-	-	-
≥ 60 Years	34	0	0%	5	0	0%	-	-	-	1924	329	17%	317	33	10%	-	-	-
	<b>114</b>	<b>0</b>	<b>0%</b>	<b>102</b>	<b>0</b>	<b>0%</b>	<b>70</b>	<b>0</b>	<b>0%</b>	<b>8,470</b>	<b>1,598</b>	<b>19%</b>	<b>11,873</b>	<b>1,780</b>	<b>15%</b>	<b>4,424</b>	<b>219</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 - December 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	1496	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh	Oct 2007	1465	211	14%	142	69	0	7	79	0	56
JIMCH	Kishoregonj* <sup>‡</sup>	Sep 2007	2592	477	18%	318	159	0	9	183	0	125
RMCH	Rajshahi	May 2007	1760	172	10%	112	60	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2612	392	15%	249	143	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1057	101	10%	62	39	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1303	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	3152	428	14%	282	144	2	9	149	0	126
KMCH	Khulna	Jul 2007	1609	212	13%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2314	396	17%	260	136	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2179	364	17%	227	137	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2906	409	14%	260	146	3	9	137	0	117
CMCH	Chittagong	Apr 2014	170	32	19%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	152	43	28%	24	19	0	0	24	0	0
			<b>24,767</b>	<b>3,597</b>	<b>15%</b>	<b>2,339</b>	<b>1,253</b>	<b>5</b>	<b>137</b>	<b>1,273</b>	<b>0</b>	<b>933</b>

\*One sample will be repeated

<sup>‡</sup>One sample collected in May 2013 was co-infected with both A(H3) and A(H1N1)pdm09

**Hospital based influenza surveillance**  
**Influenza seasonality graph**  
**May 2007 - December 2014**

