



## Monthly summary report

# Hospital Based Human Influenza Surveillance in Bangladesh

**August 2014**

**Hospital based influenza surveillance**  
**Monthly hospitalwise influenza lab results**  
**August 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	13	3	23%	0	3	0	0	0	0	0
CBMCH	Mymensingh	13	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	33	11	33%	0	11	0	0	0	0	0
RMCH	Rajshahi	19	7	37%	0	7	0	0	0	0	0
SZRMCH	Bogra	35	13	37%	0	13	0	0	0	0	0
LAMB	Dinajpur	10	2	20%	0	2	0	0	0	0	0
BBMH	Chittagong	5	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	35	8	23%	1	7	0	0	1	0	0
KMCH	Khulna	13	6	46%	0	6	0	0	0	0	0
JGH	Jessore	27	8	30%	0	8	0	0	0	0	0
JRRMCH	Sylhet	23	7	30%	0	7	0	0	0	0	0
SBMCH	Barisal	45	6	13%	0	6	0	0	0	0	0
CMCH	Chittagong	21	2	10%	0	2	0	0	0	0	0
DjMCH	Dinajpur	19	5	26%	0	5	0	0	0	0	0
		<b>311</b>	<b>78</b>	<b>25%</b>	<b>1</b>	<b>77</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>

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

Hospital	District	SARI <sup>†</sup>			ILI <sup>‡</sup>			Severe Pneumonia <sup>¥</sup>		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	5	3	60%	-	-	-	8	0	0%
CBMCH	Mymensingh	8	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	15	8	53%	11	3	27%	7	0	0%
RMCH	Rajshahi	14	7	50%	-	-	-	5	0	0%
SZRMCH	Bogra	16	6	38%	14	7	50%	5	0	0%
LAMB	Dinajpur	5	2	40%	-	-	-	5	0	0%
BBMH	Chittagong	0	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	8	2	25%	22	5	23%	5	1	20%
KMCH	Khulna	8	6	75%	-	-	-	5	0	0%
JGH	Jessore	8	4	50%	14	3	21%	5	1	20%
JRRMCH	Sylhet	6	2	33%	12	5	42%	5	0	0%
SBMCH	Barisal	11	0	0%	27	6	22%	7	0	0%
CMCH	Chittagong	16	2	13%	-	-	-	5	0	0%
DjMCH	Dinajpur	14	5	36%	-	-	-	5	0	0%
		<b>134</b>	<b>47</b>	<b>35%</b>	<b>100</b>	<b>29</b>	<b>29%</b>	<b>77</b>	<b>2</b>	<b>3%</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 2014**

Age groups	August 2014									Initiation - August 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	-	-	-	20	6	30%	55	1	2%	-	-	-	2007	146	7%	3193	129	4%
1-4 Years	-	-	-	30	8	27%	22	1	5%	-	-	-	3145	454	14%	943	86	9%
5-14 Years	23	7	30%	17	9	53%	-	-	-	1196	245	20%	1786	409	23%	-	-	-
15-24 Years	19	6	32%	13	3	23%	-	-	-	1562	345	22%	1722	333	19%	-	-	-
25-39 Years	21	7	33%	8	0	0%	-	-	-	1654	340	21%	1526	247	16%	-	-	-
40-59 Years	35	15	43%	12	3	25%	-	-	-	1784	324	18%	959	148	15%	-	-	-
≥ 60 Years	36	12	33%	0	0	0%	-	-	-	1793	323	18%	298	33	11%	-	-	-
	<b>134</b>	<b>47</b>	<b>35%</b>	<b>100</b>	<b>29</b>	<b>29%</b>	<b>77</b>	<b>2</b>	<b>3%</b>	<b>7,989</b>	<b>1,577</b>	<b>20%</b>	<b>11,443</b>	<b>1,770</b>	<b>15%</b>	<b>4,136</b>	<b>215</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 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	1453	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh*	Oct 2007	1415	207	15%	141	66	0	7	79	0	55
JIMCH	Kishoregonj* <sup>‡</sup>	Sep 2007	2475	473	19%	318	155	0	9	183	0	125
RMCH	Rajshahi	May 2007	1701	171	10%	112	59	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2501	389	16%	249	140	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1021	99	10%	62	37	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1279	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2977	423	14%	282	139	2	9	149	0	126
KMCH	Khulna	Jul 2007	1557	212	14%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2194	392	18%	260	132	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2060	363	18%	227	136	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2741	407	15%	260	144	3	9	137	0	117
CMCH	Chittagong	Apr 2014	102	32	31%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	92	34	37%	24	10	0	0	24	0	0
			<b>23,568</b>	<b>3,562</b>	<b>15%</b>	<b>2,338</b>	<b>1,219</b>	<b>5</b>	<b>137</b>	<b>1,273</b>	<b>0</b>	<b>932</b>

\*One sample will be repeated

<sup>‡</sup>One sample co-infected with both A(H3) and A(H1N1)pdm09

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

