



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

February 2015

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
February 2015

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	10	0	0%	0	0	0	0	0	0	0
CBMCH	Mymensingh	10	0	0%	0	0	0	0	0	0	0
JIMCH	Kishoregonj	25	1	4%	0	1	0	0	0	0	0
RMCH	Rajshahi	14	0	0%	0	0	0	0	0	0	0
SZRMCH	Bogra	21	0	0%	0	0	0	0	0	0	0
LAMB	Dinajpur	6	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	5	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	35	0	0%	0	0	0	0	0	0	0
KMCH	Khulna	11	0	0%	0	0	0	0	0	0	0
JGH	Jessore	28	0	0%	0	0	0	0	0	0	0
JRRMCH	Sylhet	23	0	0%	0	0	0	0	0	0	0
SBMCH	Barisal	41	0	0%	0	0	0	0	0	0	0
CMCH	Chittagong	16	0	0%	0	0	0	0	0	0	0
DJMCH	Dinajpur	13	1	8%	1	0	0	0	0	0	1
		258	2	0.8%	1	1	0	0	0	0	1

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
February 2015

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
DNMCH	Dhaka	5	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	5	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	10	1	10%	10	0	0%	5	0	0%
RMCH	Rajshahi	9	0	0%	-	-	-	5	0	0%
SZRMCH	Bogra	7	0	0%	9	0	0%	5	0	0%
LAMB	Dinajpur	1	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	2	0	0%	-	-	-	3	0	0%
CoMCH	Comilla	9	0	0%	21	0	0%	5	0	0%
KMCH	Khulna	6	0	0%	-	-	-	5	0	0%
JGH	Jessore	7	0	0%	16	0	0%	5	0	0%
JRRMCH	Sylhet	4	0	0%	14	0	0%	5	0	0%
SBMCH	Barisal	12	0	0%	24	0	0%	5	0	0%
CMCH	Chittagong	11	0	0%	-	-	-	5	0	0%
DjMCH	Dinajpur	8	0	0%	-	-	-	5	1	20%
		96	1	1%	94	0	0%	68	1	1.5%

[†] All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatric inpatients.

[‡] All ILI samples (all age groups) collected during 4 days in each month from both medicine and pediatrics OPD of selected six hospitals.

[¥] First five Severe Pneumonia samples (aged < 5 years) collected from pediatric inpatients.

Hospital based influenza surveillance
Influenza results by different age groups
February 2015

Age groups	February 2015									Initiation - February 2015								
	SARI [†]			ILI [‡]			Severe Pneumonia [¥]			SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
<1 Year	-	-	-	18	0	0%	50	1	2%	-	-	-	2125	146	7%	3532	132	4%
1-4 Years	-	-	-	35	0	0%	18	0	0%	-	-	-	3363	456	14%	1034	88	9%
5-14 Years	15	1	7%	12	0	0%	-	-	-	1280	250	20%	1849	412	22%	-	-	-
15-24 Years	10	0	0%	13	0	0%	-	-	-	1704	349	20%	1797	336	19%	-	-	-
25-39 Years	14	0	0%	8	0	0%	-	-	-	1757	342	19%	1596	249	16%	-	-	-
40-59 Years	21	0	0%	4	0	0%	-	-	-	1944	329	17%	1005	148	15%	-	-	-
≥ 60 Years	36	0	0%	4	0	0%	-	-	-	1984	329	17%	322	33	10%	-	-	-
	96	1	1%	94	0	0%	68	1	1%	8,669	1,599	18%	12,057	1,780	15%	4,566	220	5%

[†] All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatric inpatients.

[‡] All ILI samples (all age groups) collected during 4 days in each month from both medicine and pediatrics OPD of selected six hospitals.

[¥] 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 2015

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	1515	222	15%	132	90	0	15	56	0	61
CBMCH	Mymensingh	Oct 2007	1488	211	14%	142	69	0	7	79	0	56
JIMCH	Kishoregonj* [‡]	Sep 2007	2644	478	18%	318	160	0	9	183	0	125
RMCH	Rajshahi	May 2007	1787	172	10%	112	60	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2657	392	15%	249	143	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1069	101	9%	62	39	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1315	138	10%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	3218	428	13%	282	144	2	9	149	0	126
KMCH	Khulna	Jul 2007	1631	212	13%	151	61	0	16	87	0	48
JGH	Jessore	Sep 2007	2372	396	17%	260	136	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2225	364	16%	227	137	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2990	409	14%	260	146	3	9	137	0	117
CMCH	Chittagong	Apr 2014	201	32	16%	18	14	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	180	44	24%	25	19	0	0	24	0	1
			25,292	3,599	14%	2,340	1,254	5	137	1,273	0	934

*One sample will be repeated

[‡]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 - February 2015

