



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

July 2014

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
July 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	14	6	43%	1	5	0	0	1	0	0
CBMCH	Mymensingh	13	6	46%	5	1	0	0	5	0	0
JIMCH	Kishoregonj	25	8	32%	3	5	0	0	3	0	0
RMCH	Rajshahi	20	7	35%	5	2	0	0	5	0	0
SZRMCH	Bogra	41	20	49%	6	14	0	0	6	0	0
LAMB	Dinajpur	9	2	22%	0	2	0	0	0	0	0
BBMH	Chittagong	0	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	34	17	50%	8	9	0	0	8	0	0
KMCH	Khulna	17	5	29%	4	1	0	0	4	0	0
JGH	Jessore	33	20	61%	8	12	0	0	8	0	0
JRRMCH	Sylhet	11	4	36%	2	2	0	0	2	0	0
SBMCH	Barisal	42	18	43%	6	12	0	0	6	0	0
CMCH	Chittagong	19	10	53%	2	8	0	0	2	0	0
DjMCH	Dinajpur	19	12	63%	10	2	0	0	10	0	0
		297	135	45%	60	75	0	0	60	0	0

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
July 2014

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	9	5	56%	-	-	-	5	1	20%
CBMCH	Mymensingh	8	5	63%	-	-	-	5	1	20%
JIMCH	Kishoregonj	11	5	45%	9	3	33%	5	0	0%
RMCH	Rajshahi	15	6	40%	-	-	-	5	1	20%
SZRMCH	Bogra	13	5	38%	23	14	61%	5	1	20%
LAMB	Dinajpur	4	2	50%	-	-	-	5	0	0%
BBMH	Chittagong	0	0	0%	-	-	-	0	0	0%
CoMCH	Comilla	6	3	50%	23	12	52%	5	2	40%
KMCH	Khulna	12	5	42%	-	-	-	5	0	0%
JGH	Jessore	13	9	69%	15	9	60%	5	2	40%
JRRMCH	Sylhet	1	0	0%	5	3	60%	5	1	20%
SBMCH	Barisal	10	3	30%	24	14	58%	8	1	13%
CMCH	Chittagong	14	9	64%	-	-	-	5	1	20%
DjMCH	Dinajpur	14	10	71%	-	-	-	5	2	40%
		130	67	52%	99	55	56%	68	13	19%

[†] 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
Influenza results by different age groups
July 2014

Age groups	July 2014									Initiation - July 2014								
	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	-	-	-	13	6	46%	53	9	17%	-	-	-	1987	140	7%	3138	128	4%
1-4 Years	-	-	-	30	16	53%	15	4	27%	-	-	-	3115	446	14%	921	85	9%
5-14 Years	15	9	60%	19	12	63%	-	-	-	1173	238	20%	1769	400	23%	-	-	-
15-24 Years	24	11	46%	13	7	54%	-	-	-	1543	339	22%	1709	330	19%	-	-	-
25-39 Years	23	10	43%	9	4	44%	-	-	-	1633	333	20%	1518	247	16%	-	-	-
40-59 Years	29	14	48%	13	9	69%	-	-	-	1749	309	18%	947	145	15%	-	-	-
≥ 60 Years	39	23	59%	2	1	50%	-	-	-	1757	311	18%	298	33	11%	-	-	-
	130	67	52%	99	55	56%	68	13	19%	7,855	1,530	19%	11,343	1,741	15%	4,059	213	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 - July 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	1440	219	15%	132	87	0	15	56	0	61
CBMCH	Mymensingh*	Oct 2007	1402	207	15%	141	66	0	7	79	0	55
JIMCH	Kishoregonj* [‡]	Sep 2007	2442	462	19%	318	144	0	9	183	0	125
RMCH	Rajshahi	May 2007	1682	164	10%	112	52	0	14	64	0	34
SZRMCH	Bogra*	Sep 2007	2466	376	15%	249	127	0	12	142	0	95
LAMB	Dinajpur	Oct 2007	1011	97	10%	62	35	0	7	40	0	15
BBMH	Chittagong	Aug 2007	1274	138	11%	102	36	0	13	35	0	54
CoMCH	Comilla	Oct 2007	2942	415	14%	281	132	2	9	148	0	126
KMCH	Khulna	Jul 2007	1544	206	13%	151	55	0	16	87	0	48
JGH	Jessore	Sep 2007	2167	384	18%	260	124	0	10	147	0	103
JRRMCH	Sylhet	Jul 2007	2037	356	17%	227	129	0	16	112	0	99
SBMCH	Barisal	Aug 2007	2696	401	15%	260	138	3	9	137	0	117
CMCH	Chittagong	Apr 2014	81	30	37%	18	12	0	0	18	0	0
DjMCH	Dinajpur*	Apr 2014	73	29	40%	24	5	0	0	24	0	0
			23,257	3,484	15%	2,337	1142	5	137	1272	0	932

*One sample will be repeated

[‡]One sample co-infected with both A(H3) and A(H1N1)pdm09

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - July 2014

