



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

January 2013

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
January 2013

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	3	0	0%	-	-	-	5	0	0%
CBMCH	Mymensingh	7	0	0%	-	-	-	5	0	0%
JIMCH	Kishoregonj	7	1	14%	15	0	0%	6	0	0%
RMCH	Rajshahi	7	0	0%	-	-	-	8	0	0%
SZRMCH	Bogra	8	0	0%	11	1	9%	5	0	0%
LAMB	Dinajpur	1	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	4	0	0%	-	-	-	5	0	0%
CoMCH	Comilla	9	0	0%	37	0	0%	5	0	0%
KMCH	Khulna	7	0	0%	-	-	-	6	0	0%
JGH	Jessore	5	0	0%	15	0	0%	5	0	0%
JRRMCH	Sylhet	7	0	0%	17	0	0%	5	0	0%
SBMCH	Barisal	11	0	0%	23	0	0%	5	0	0%
		76	1	1%	118	1	1%	65	0	0%

[†] 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
January 2013

Age groups	January 2013									Initiation - January 2013								
	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	-	-	-	21	1	5%	49	0	0%	-	-	-	1607	100	6%	2230	85	4%
1-4 Years	-	-	-	41	0	0%	16	0	0%	-	-	-	2506	331	13%	655	59	9%
5-14 Years	17	0	0%	12	0	0%	-	-	-	876	183	21%	1488	320	22%	-	-	-
15-24 Years	6	0	0%	14	0	0%	-	-	-	1182	239	20%	1481	259	17%	-	-	-
25-39 Years	11	0	0%	10	0	0%	-	-	-	1235	226	18%	1301	196	15%	-	-	-
40-59 Years	18	1	6%	14	0	0%	-	-	-	1224	179	15%	780	104	13%	-	-	-
≥ 60 Years	24	0	0%	6	0	0%	-	-	-	1219	170	14%	261	24	9%	-	-	-
	76	1	1%	118	1	1%	65	0	0%	5736	997	17%	9424	1334	14%	2885	144	5%

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[‡] 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 - January 2013

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	1229	163	13%	95	68	0	15	28	0	52
CBMCH	Mymensingh	Oct 2007	1136	152	13%	94	58	0	7	42	0	45
JIMCH	Kishoregonj	Sep 2007	1862	331	18%	212	119	0	9	100	0	103
RMCH	Rajshahi	May 2007	1378	128	9%	83	45	0	14	38	0	31
SZRMCH	Bogra	Sep 2007	1943	263	14%	165	98	0	12	72	0	81
LAMB	Dinajpur	Oct 2007	863	81	9%	52	29	0	7	31	0	14
BBMH	Chittagong	Aug 2007	1105	117	11%	83	34	0	13	27	0	43
CoMCH	Comilla	Oct 2007	2134	268	13%	165	102	1	9	66	0	91
KMCH	Khulna	Jul 2007	1278	167	13%	114	53	0	16	52	0	46
JGH	Jessore	Sep 2007	1597	275	17%	168	107	0	10	62	0	96
JRRMCH	Sylhet	Jul 2007	1597	275	17%	167	108	0	16	59	0	92
SBMCH	Barisal	Aug 2007	1923	255	13%	154	98	3	9	59	0	89
			18045	2475	13.7%	1552	919	4	137	636	0	783

**Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - January 2013**

