



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

May 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
May 2013

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	8	62%	8	0	0	0	6	0	2
CBMCH	Mymensingh*	19	8	42%	8	0	0	0	5	0	3
JIMCH	Kishoregonj	29	12	41%	12	0	0	0	11	0	1
RMCH	Rajshahi	13	3	23%	3	0	0	0	2	0	1
SZRMCH	Bogra	22	6	27%	6	0	0	0	6	0	0
LAMB	Dinajpur	9	1	11%	1	0	0	0	1	0	0
BBMH	Chittagong*	13	4	31%	4	0	0	0	2	0	2
CoMCH	Comilla	56	19	34%	19	0	0	0	11	0	8
KMCH	Khulna	10	2	20%	2	0	0	0	2	0	0
JGH	Jessore	32	12	38%	12	0	0	0	12	0	0
JRRMCH	Sylhet	21	3	14%	3	0	0	0	3	0	0
SBMCH	Barisal	45	15	33%	15	0	0	0	12	0	3
		282	93	33%	93	0	0	0	73	0	20

*One sample will be repeated

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	8	6	75%	-	-	-	5	2	40%
CBMCH	Mymensingh*	14	7	50%	-	-	-	5	1	20%
JIMCH	Kishoregonj	15	7	47%	9	5	56%	5	0	0%
RMCH	Rajshahi	8	3	38%	-	-	-	5	0	0%
SZRMCH	Bogra	5	2	40%	12	4	33%	5	0	0%
LAMB	Dinajpur	4	1	25%	-	-	-	5	0	0%
BBMH	Chittagong*	8	4	50%	-	-	-	5	0	0%
CoMCH	Comilla	17	5	29%	34	14	41%	5	0	0%
KMCH	Khulna	8	2	25%	-	-	-	2	0	0%
JGH	Jessore	7	2	29%	20	10	50%	5	0	0%
JRRMCH	Sylhet	10	2	20%	6	0	0%	5	1	20%
SBMCH	Barisal	12	2	17%	28	13	46%	5	0	0%
		116	43	37%	109	46	42%	57	4	7%

*One sample will be repeated

[†] 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
May 2013

Age groups	May 2013									Initiation - May 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	-	-	-	17	4	24%	45	2	4%	-	-	-	1702	105	6%	2430	90	4%
1-4 Years	-	-	-	34	13	38%	12	2	17%	-	-	-	2670	352	13%	701	64	9%
5-14 Years	15	0	0%	18	6	33%	-	-	-	943	189	20%	1557	332	21%	-	-	-
15-24 Years	17	8	47%	18	12	67%	-	-	-	1243	253	20%	1535	274	18%	-	-	-
25-39 Years	22	10	45%	10	5	50%	-	-	-	1314	246	19%	1346	206	15%	-	-	-
40-59 Years	29	16	55%	8	3	38%	-	-	-	1322	208	16%	815	110	13%	-	-	-
≥ 60 Years	33	9	27%	4	3	75%	-	-	-	1322	189	14%	272	27	10%	-	-	-
	116	43	37%	109	46	42%	57	4	7%	6144	1085	18%	9897	1406	14%	3131	154	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 - May 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	1268	180	14%	112	68	0	15	37	0	60
CBMCH	Mymensingh*	Oct 2007	1200	166	14%	108	58	0	7	47	0	54
JIMCH	Kishoregonj	Sep 2007	1994	361	18%	242	119	0	9	113	0	120
RMCH	Rajshahi	May 2007	1433	131	9%	86	45	0	14	40	0	32
SZRMCH	Bogra	Sep 2007	2048	272	13%	174	98	0	12	78	0	84
LAMB	Dinajpur	Oct 2007	899	82	9%	53	29	0	7	32	0	14
BBMH	Chittagong*	Aug 2007	1158	128	11%	94	34	0	13	29	0	52
CoMCH	Comilla	Oct 2007	2330	308	13%	204	103	1	9	77	0	119
KMCH	Khulna	Jul 2007	1325	172	13%	119	53	0	16	55	0	48
JGH	Jessore	Sep 2007	1721	289	17%	182	107	0	10	74	0	98
JRRMCH	Sylhet	Jul 2007	1700	280	16%	172	108	0	16	62	0	94
SBMCH	Barisal	Aug 2007	2096	276	13%	175	98	3	9	72	0	97
			19172	2645	13.8%	1721	920	4	137	716	0	872

*One sample will be repeated

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

