



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

March 2012

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
March 2012

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	17	13	76%	13	0	0	0	0	0	13
CBMCH	Mymensingh	21	7	33%	6	1	0	0	0	0	6
JIMCH	Kishoregonj	52	18	35%	18	0	0	0	0	0	18
RMCH	Rajshahi	16	3	19%	3	0	0	0	0	0	3
SZRMCH	Bogra	58	8	14%	8	0	0	0	0	0	8
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0
BBMH	Chittagong	14	2	14%	2	0	0	0	0	0	2
CoMCH	Comilla	61	17	28%	16	1	0	0	0	0	16
KMCH	Khulna	17	0	0%	0	0	0	0	0	0	0
JGH	Jessore	32	9	28%	9	0	0	0	0	0	9
JRRMCH	Sylhet	42	6	14%	5	1	0	0	0	0	5
SBMCH	Barisal	59	13	22%	13	0	0	0	0	0	13
		398	96	24%	93	3	0	0	0	0	93

Hospital based influenza surveillance
Monthly enrollement by different surveillance groups
March 2012

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Total	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	12	8	67%	-	-	-	5	5	100%
CBMCH	Mymensingh	16	6	38%	-	-	-	5	1	20%
JIMCH	Kishoregonj	18	6	33%	29	11	38%	5	1	20%
RMCH	Rajshahi	11	3	27%	-	-	-	5	0	0%
SZRMCH	Bogra	16	3	19%	37	5	14%	5	0	0%
LAMB	Dinajpur	4	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	9	1	11%	-	-	-	5	1	20%
CoMCH	Comilla	20	6	30%	36	11	31%	5	0	0%
KMCH	Khulna	13	0	0%	-	-	-	4	0	0%
JGH	Jessore	11	4	36%	16	5	31%	5	0	0%
JRRMCH	Sylhet	17	4	24%	20	1	5%	5	1	20%
SBMCH	Barisal	17	4	24%	37	8	22%	5	1	20%
		164	45	27%	175	41	23%	59	10	17%

[†] 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
March 2012

Age groups	March 2012									Initiation - March 2012								
	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	-	-	-	39	5	13%	52	7	13%	-	-	-	1281	80	6%	1712	67	4%
1-4 Years	-	-	-	41	8	20%	7	3	43%	-	-	-	2027	251	12%	498	49	10%
5-14 Years	26	11	42%	30	11	37%	-	-	-	654	137	21%	1232	258	21%	-	-	-
15-24 Years	26	6	23%	25	8	32%	-	-	-	964	188	20%	1306	224	17%	-	-	-
25-39 Years	35	11	31%	20	9	45%	-	-	-	997	174	17%	1146	162	14%	-	-	-
40-59 Years	44	12	27%	16	0	0%	-	-	-	993	132	13%	680	78	11%	-	-	-
≥ 60 Years	33	5	15%	4	0	0%	-	-	-	1008	140	14%	227	22	10%	-	-	-
	164	45	27%	175	41	23%	59	10	17%	4616	771	17%	7899	1075	14%	2210	116	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
Hospitalwise influenza lab results
Surveillance initiation - March 2012

Hospital	District	Initiation	Total	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	(H1N1)pdm09
DNMCH	Dhaka	Jun 2007	1054	141	13%	87	54	0	15	24	0	48
CBMCH	Mymensingh	Oct 2007	981	134	14%	84	50	0	7	42	0	35
JIMCH	Kishoregonj	Sep 2007	1487	272	18%	182	90	0	9	94	0	79
RMCH	Rajshahi	May 2007	1223	114	9%	75	39	0	14	38	0	23
SZRMCH	Bogra	Sep 2007	1519	192	13%	131	61	0	12	71	0	48
LAMB	Dinajpur	Oct 2007	779	80	10%	52	28	0	7	31	0	14
BBMH	Chittagong	Aug 2007	978	97	10%	68	29	0	13	27	0	28
CoMCH	Comilla	Oct 2007	1629	191	12%	121	69	1	9	55	0	58
KMCH	Khulna	Jul 2007	1126	141	13%	100	41	0	16	52	0	32
JGH	Jessore	Sep 2007	1232	203	16%	130	73	0	10	62	0	58
JRRMCH	Sylhet	Jul 2007	1274	201	16%	128	73	0	16	59	0	53
SBMCH	Barisal	Aug 2007	1443	196	14%	119	74	3	9	58	0	55
			14725	1962	13.3%	1277	681	4	137	613	0	531

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - March 2012

