



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

March 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
March 2013

Hospital	District	Sample	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	A(H1N1)pdm09	A (Not subtyped)*
DNMCH	Dhaka	9	2	22%	2	0	0	0	0	0	2	-
CBMCH	Mymensingh	15	2	13%	2	0	0	0	0	0	2	-
JIMCH	Kishoregonj	39	9	23%	9	0	0	0	0	0	9	-
RMCH	Rajshahi	13	1	8%	1	0	0	0	0	0	0	1
SZRMCH	Bogra	35	2	6%	2	0	0	0	0	0	2	-
LAMB	Dinajpur	9	0	0%	0	0	0	0	0	0	0	-
BBMH	Chittagong	13	2	15%	2	0	0	0	0	0	2	-
CoMCH	Comilla	41	4	10%	4	0	0	0	0	0	3	1
KMCH	Khulna	11	0	0%	0	0	0	0	0	0	0	-
JGH	Jessore	35	1	3%	1	0	0	0	0	0	1	-
JRRMCH	Sylhet	29	0	0%	0	0	0	0	0	0	0	-
SBMCH	Barisal	42	6	14%	6	0	0	0	0	0	3	3
		291	29	10%	29	0	0	0	0	0	24	5

* Samples awaiting additional laboratory analysis for sub-typing; end results will be included in the next report.

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	4	2	50%	-	-	-	5	0	0%
CBMCH	Mymensingh	10	2	20%	-	-	-	5	0	0%
JIMCH	Kishoregonj	20	6	30%	14	3	21%	5	0	0%
RMCH	Rajshahi	8	1	13%	-	-	-	5	0	0%
SZRMCH	Bogra	9	2	22%	21	0	0%	5	0	0%
LAMB	Dinajpur	4	0	0%	-	-	-	5	0	0%
BBMH	Chittagong	8	2	25%	-	-	-	5	0	0%
CoMCH	Comilla	8	2	25%	28	2	7%	5	0	0%
KMCH	Khulna	6	0	0%	-	-	-	5	0	0%
JGH	Jessore	11	1	9%	17	0	0%	7	0	0%
JRRMCH	Sylhet	8	0	0%	14	0	0%	7	0	0%
SBMCH	Barisal	10	1	10%	27	4	15%	5	1	20%
		106	19	18%	121	9	7%	64	1	2%

[†] 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
March 2013

Age groups	March 2013									Initiation - March 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	-	-	-	27	2	7%	52	1	2%	-	-	-	1659	102	6%	2335	86	4%
1-4 Years	-	-	-	45	3	7%	12	0	0%	-	-	-	2595	334	13%	679	60	9%
5-14 Years	15	3	20%	13	1	8%	-	-	-	909	186	20%	1520	323	21%	-	-	-
15-24 Years	13	1	8%	8	1	13%	-	-	-	1210	241	20%	1503	261	17%	-	-	-
25-39 Years	25	5	20%	12	1	8%	-	-	-	1270	231	18%	1322	198	15%	-	-	-
40-59 Years	30	8	27%	14	1	7%	-	-	-	1268	188	15%	802	106	13%	-	-	-
≥ 60 Years	23	2	9%	2	0	0%	-	-	-	1264	175	14%	266	24	9%	-	-	-
	106	19	18%	121	9	7%	64	1	2%	5921	1021	17%	9667	1348	14%	3014	146	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 - March 2013

Hospital	District	Initiation	Sample	Flu	Flu %	Flu A	Flu B	Flu A+B	Flu A/H1	Flu A/H3	Flu A/H5	A(H1N1)pdm09	A (Not subtyped) *
DNMCH	Dhaka	Jun 2007	1244	166	13%	98	68	0	15	28	0	55	-
CBMCH	Mymensingh	Oct 2007	1164	155	13%	97	58	0	7	42	0	48	-
JIMCH	Kishoregonj	Sep 2007	1933	341	18%	222	119	0	9	100	0	113	-
RMCH	Rajshahi	May 2007	1405	129	9%	84	45	0	14	38	0	31	1
SZRMCH	Bogra	Sep 2007	1999	265	13%	167	98	0	12	72	0	83	-
LAMB	Dinajpur	Oct 2007	882	81	9%	52	29	0	7	31	0	14	-
BBMH	Chittagong	Aug 2007	1130	119	11%	85	34	0	13	27	0	45	-
CoMCH	Comilla	Oct 2007	2229	277	12%	173	103	1	9	66	0	98	1
KMCH	Khulna	Jul 2007	1301	167	13%	114	53	0	16	52	0	46	-
JGH	Jessore	Sep 2007	1659	277	17%	170	107	0	10	62	0	98	-
JRRMCH	Sylhet	Jul 2007	1651	276	17%	168	108	0	16	59	0	93	-
SBMCH	Barisal	Aug 2007	2005	262	13%	161	98	3	9	59	0	93	3
			18602	2515	13.5%	1591	920	4	137	636	0	817	5

* Samples awaiting additional laboratory analysis for sub-typing; end results will be included in the next report.

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

