



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

June 2013

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
June 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	15	5	33%	5	0	0	0	4	0	1
CBMCH	Mymensingh	18	13	72%	13	0	0	0	12	0	1
JIMCH	Kishoregonj [‡]	37	24	65%	24	0	0	0	20	0	3
RMCH	Rajshahi	19	10	53%	10	0	0	0	8	0	2
SZRMCH	Bogra	29	14	48%	14	0	0	0	12	0	2
LAMB	Dinajpur	9	4	44%	4	0	0	0	3	0	1
BBMH	Chittagong	13	7	54%	7	0	0	0	5	0	2
CoMCH	Comilla	57	33	58%	33	0	0	0	30	0	3
KMCH	Khulna	18	14	78%	14	0	0	0	14	0	0
JGH	Jessore	45	32	71%	32	0	0	0	31	0	1
JRRMCH	Sylhet	32	22	69%	22	0	0	0	19	0	3
SBMCH	Barisal*	49	33	67%	33	0	0	0	22	0	11
		341	211	62%	211	0	0	0	180	0	30

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

*One sample will be repeated

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

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Total	Flu	Flu %	Total	Flu	Flu %
DNMCH	Dhaka	10	4	40%	-	-	-	5	1	20%
CBMCH	Mymensingh	13	10	77%	-	-	-	5	3	60%
JIMCH	Kishoregonj	10	7	70%	22	17	77%	5	0	0%
RMCH	Rajshahi	14	7	50%	-	-	-	5	3	60%
SZRMCH	Bogra	10	4	40%	14	9	64%	5	1	20%
LAMB	Dinajpur	4	1	25%	-	-	-	5	3	60%
BBMH	Chittagong	8	4	50%	-	-	-	5	3	60%
CoMCH	Comilla	24	9	38%	28	21	75%	5	3	60%
KMCH	Khulna	15	13	87%	-	-	-	3	1	33%
JGH	Jessore	17	14	82%	23	17	74%	5	1	20%
JRRMCH	Sylhet	16	11	69%	11	9	82%	5	2	40%
SBMCH	Barisal	17	11	65%	27	21	78%	5	1	20%
		158	95	60%	125	94	75%	58	22	38%

[†] 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
June 2013

Age groups	June 2013									Initiation - June 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	-	-	-	18	13	72%	38	13	34%	-	-	-	1720	118	7%	2468	103	4%
1-4 Years	-	-	-	41	32	78%	20	9	45%	-	-	-	2711	384	14%	721	73	10%
5-14 Years	16	9	56%	17	11	65%	-	-	-	959	198	21%	1574	343	22%	-	-	-
15-24 Years	23	13	57%	17	16	94%	-	-	-	1266	266	21%	1552	290	19%	-	-	-
25-39 Years	31	21	68%	17	13	76%	-	-	-	1345	267	20%	1363	219	16%	-	-	-
40-59 Years	48	25	52%	11	6	55%	-	-	-	1370	233	17%	826	116	14%	-	-	-
≥ 60 Years	40	27	68%	4	3	75%	-	-	-	1362	216	16%	276	30	11%	-	-	-
	158	95	60%	125	94	75%	58	22	38%	6302	1180	19%	10022	1500	15%	3189	176	6%

[†] 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 - June 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	1283	185	14%	117	68	0	15	41	0	61
CBMCH	Mymensingh*	Oct 2007	1218	179	15%	121	58	0	7	59	0	55
JIMCH	Kishoregonj [‡]	Sep 2007	2031	385	19%	266	119	0	9	133	0	123
RMCH	Rajshahi	May 2007	1452	141	10%	96	45	0	14	48	0	34
SZRMCH	Bogra	Sep 2007	2077	286	14%	188	98	0	12	90	0	86
LAMB	Dinajpur	Oct 2007	908	86	9%	57	29	0	7	35	0	15
BBMH	Chittagong*	Aug 2007	1171	135	12%	101	34	0	13	34	0	54
CoMCH	Comilla	Oct 2007	2387	341	14%	237	103	1	9	107	0	122
KMCH	Khulna	Jul 2007	1343	186	14%	133	53	0	16	69	0	48
JGH	Jessore	Sep 2007	1766	321	18%	214	107	0	10	105	0	99
JRRMCH	Sylhet	Jul 2007	1732	302	17%	194	108	0	16	81	0	97
SBMCH	Barisal*	Aug 2007	2145	309	14%	208	98	3	9	94	0	108
			19513	2856	14.6%	1932	920	4	137	896	0	902

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

*One sample will be repeated

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

