



Monthly summary report

Hospital Based Human Influenza Surveillance in Bangladesh

July 2015

Hospital based influenza surveillance
Monthly hospitalwise influenza lab results
July 2015

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	6	2	33%	2	0	0	0	1	0	1
CBMCH	Mymensingh	13	10	77%	10	0	0	0	0	0	10
JIMCH	Kishoregonj	29	13	45%	13	0	0	0	3	0	10
RMCH	Rajshahi	17	5	29%	5	0	0	0	1	0	4
SZRMCH	Bogra	33	19	58%	19	0	0	0	0	0	19
LAMB	Dinajpur	9	4	44%	4	0	0	0	0	0	4
BBMH	Chittagong	6	0	0%	0	0	0	0	0	0	0
CoMCH	Comilla	28	7	25%	7	0	0	0	2	0	5
KMCH	Khulna	10	2	20%	2	0	0	0	0	0	2
JGH	Jessore	15	10	67%	10	0	0	0	0	0	10
JRRMCH	Sylhet	22	13	59%	13	0	0	0	0	0	13
SBMCH	Barisal	36	12	33%	12	0	0	0	4	0	8
CMCH	Chittagong	21	11	52%	11	0	0	0	1	0	10
DjMCH	Dinajpur	13	4	31%	4	0	0	0	0	0	4
		258	112	43%	112	0	0	0	12	0	100

Hospital based influenza surveillance
Monthly enrollment by different surveillance groups
July 2015

Hospital	District	SARI [†]			ILI [‡]			Severe Pneumonia [¥]		
		Sample	Flu	Flu %	Sample	Flu	Flu %	Sample	Flu	Flu %
DNMCH	Dhaka	3	1	33%	-	-	-	3	1	33%
CBMCH	Mymensingh	8	7	88%	-	-	-	5	3	60%
JIMCH	Kishoregonj	17	8	47%	7	4	57%	5	1	20%
RMCH	Rajshahi	12	4	33%	-	-	-	5	1	20%
SZRMCH	Bogra	12	9	75%	16	9	56%	5	1	20%
LAMB	Dinajpur	4	3	75%	-	-	-	5	1	20%
BBMH	Chittagong	2	0	0%	-	-	-	4	0	0%
CoMCH	Comilla	6	1	17%	17	4	24%	5	2	40%
KMCH	Khulna	5	1	20%	-	-	-	5	1	20%
JGH	Jessore	5	5	100%	8	4	50%	2	1	50%
JRRMCH	Sylhet	9	7	78%	8	2	25%	5	4	80%
SBMCH	Barisal	13	5	38%	18	7	39%	5	0	0%
CMCH	Chittagong	16	11	69%	-	-	-	5	0	0%
DJMCH	Dinajpur	8	4	50%	-	-	-	5	0	0%
		120	66	55%	74	30	41%	64	16	25%

[†] All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatrics 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 pediatrics inpatients. More than five severe pneumonia cases belong to the cluster.

Hospital based influenza surveillance
Influenza results by different age groups
July 2015

Age groups	July 2015									Initiation - July 2015								
	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	-	-	-	8	0	0%	41	8	20%	-	-	-	2195	150	7%	3789	151	4%
1-4 Years	-	-	-	23	9	39%	23	8	35%	-	-	-	3497	488	14%	1109	102	9%
5-14 Years	13	8	62%	16	12	75%	-	-	-	1387	275	20%	1930	434	22%	-	-	-
15-24 Years	29	13	45%	15	4	27%	-	-	-	1843	394	21%	1865	353	19%	-	-	-
25-39 Years	27	16	59%	7	4	57%	-	-	-	1903	388	20%	1641	259	16%	-	-	-
40-59 Years	28	20	71%	5	1	20%	-	-	-	2100	374	18%	1039	161	15%	-	-	-
≥ 60 Years	23	9	39%	0	0	0%	-	-	-	2118	366	17%	336	37	11%	-	-	-
	120	66	55%	74	30	41%	64	16	25%	9,351	1,797	19%	12,503	1,882	15%	4,898	253	5%

[†] All SARI samples (aged ≥ 5 years) collected throughout the month from medicine and pediatrics 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 pediatrics inpatients. More than five severe pneumonia cases belong to the cluster.

Hospital based influenza surveillance
Hospitalwise influenza lab results
Surveillance initiation - July 2015

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	1569	242	15%	152	90	0	15	57	0	80
CBMCH	Mymensingh	Oct 2007	1556	230	15%	161	69	0	7	79	0	75
JIMCH	Kishoregonj [‡] [ⓧ]	Sep 2007	2804	529	19%	367	162	0	9	186	0	170
RMCH	Rajshahi	May 2007	1876	184	10%	124	60	0	14	65	0	45
SZRMCH	Bogra [ⓧ]	Sep 2007	2821	425	15%	282	143	0	12	142	0	127
LAMB	Dinajpur	Oct 2007	1110	109	10%	70	39	0	7	40	0	23
BBMH	Chittagong	Aug 2007	1346	145	11%	109	36	0	13	35	0	61
CoMCH	Comilla	Oct 2007	3377	448	13%	302	144	2	9	151	0	144
KMCH	Khulna	Jul 2007	1691	220	13%	159	61	0	16	87	0	56
JGH	Jessore	Sep 2007	2500	422	17%	286	136	0	10	147	0	129
JRRMCH	Sylhet	Jul 2007	2350	402	17%	265	137	0	16	112	0	137
SBMCH	Barisal [ⓧ]	Aug 2007	3181	453	14%	304	146	3	9	141	0	156
CMCH	Chittagong	Apr 2014	305	62	20%	48	14	0	0	19	0	29
DjMCH	Dinajpur [ⓧ]	Apr 2014	266	61	23%	42	19	0	0	24	0	17
			26,752	3,932	15%	2,671	1,256	5	137	1,285	0	1,249

[ⓧ]rRT-PCR result of one sample was equivocal positive for Influenza A

[‡]One sample collected in May 2013 was co-infected with both A(H3) and A(H1N1)pdm09

Hospital based influenza surveillance
Influenza seasonality graph
May 2007 - July 2015

