



# EPI Surveillance Bulletin



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**Epidemiologic Week 46: November 12 – 18, 2006**

October 2006

## Reach the Unreached - Make 14<sup>th</sup> NID A Success

The national advocacy meeting held on 6 November marked the beginning of the 14<sup>th</sup> NID in Bangladesh. The first round of this NID will be held on 25 November 2006 and the second round on 23 December 2006. In first round vitamin A will be given to all children of 1-5 years and deworming tablet will be given to all children of 2-5 years in addition to OPV. In both rounds there will be a four day long child to child search program following the day of NID as usual. This year Bangladesh has conducted four rounds of 13<sup>th</sup> Special NID following the importation of wild polio virus after more than five years. But these four rounds of NID could not stop the outbreak and two more cases have been reported following 4<sup>th</sup> round which was held on 6 August 2006. One case was reported from Noakhali Sadar having onset of paralysis on 7 August and the other was from Banskhali upazila of Chittagong having onset on 22 August 2006. As of 18 November 2006 Bangladesh has reported 15 cases.

All preparations for making the 14<sup>th</sup> NID a success are in full swing. Following national advocacy meeting, divisional, district and City Corporation advocacy meetings, district and upazila orientation and planning meetings along with supervisors and field workers orientation have been conducted. Interpersonal communications and volunteers orientations are in progress. NID field guides and different forms along with vaccines have been sent out to the field from the EPI Headquarters in timely fashion.

Independent Observers' checklist findings show that we achieved 94.4% coverage in 4<sup>th</sup> round of 13<sup>th</sup> Special NID. This means that we could not reach 5.6% children, which if translated into number becomes almost 1300,000. So, the challenge of this NID is to reach all children particularly those who are residing in hard to reach areas. As such, much emphasis has been given to prepare pragmatic micro planning by the managers for ensuring vaccination of all left out children, traveling children as well as street children and children staying with working mothers with special focus in border areas. For the traveling children special teams should be deployed in strategic key points with proactive approach to vaccinate children staying inside the transport. This time micro planning includes house number or house leader's name of the starting house of a sub-block as well as that of ending house. These house numbers/names of house leader should be specified in the microplan so that supervisors can easily track those houses. Special micro planning has to be done for hard to reach areas detailing the mode of vaccine transport and operation strategy of special teams.

In order to ensure high quality vaccination program during 14<sup>th</sup> NID, preparation checklists have been developed to facilitate the managers as well as SMOs, DIMOs and EPIFs for ensuring better preparation of the NID.

Intensive supervision plan has been chalked out along with GoB and other development partners at the central level as well as at the district/CC/upazila level to supervise NID and Child to Child search activities particularly in hard to reach areas. This time district/CC/upazila managers have been instructed to include potential supervisors from non-health sectors including local NGOs as supervisors.

In order to build up people's awareness and to ensure their full participation extensive mass media campaigns have been taken up. Bangladesh Television, Bangladesh Betar, Private TV channels are broadcasting many programs like TV spot, TV talk show, Radio talk, documentaries, count down and appeal by the celebrities and Chief Health Adviser. Besides these, news papers, Department of Mass Communication, Press Information Department are also going to contribute a lot in this regard.

## Mop-Up Campaign in Chittagong-A Stitch in Time

Out of 15 wild polio viruses reported so far this year, 4 cases have been reported from Banskhali upazila of Chittagong district. These four cases have had onset of paralysis in consecutive four months starting from May 2006. The last case has had onset of paralysis on 22 August 2006, obviously following the 4<sup>th</sup> round of 13<sup>th</sup> Special NID. So, a mop-up campaign was conducted in Chittagong district, Chittagong City Corporation and two adjoining upazilas of Cox's Bazar district namely Kutubdia and Chokoria on 14 October 2006 followed by Child to Child search program on 15 - 16 October in City Corporation area. This campaign targeted about 1.5 million under 5 children. Monovalent OPV 1 (mOPV1) remaining in different upazilas and districts of the country after 4<sup>th</sup> round of 13<sup>th</sup> Special was pooled to Chittagong and administered in this campaign. WHO and UNICEF provided fund needed for this mop-up campaign.

Independent observers from Ministry of Health and Family Welfare, JOCV/JICA, GAVI, UNICEF and WHO supervised and monitored the campaign activities. Analysis of Independent Observers' checklist showed that 93% children were vaccinated in this campaign leaving 7% children unreached. 'Did not know' was found to be the major cause for not vaccinating the child from the NID site followed by 'busy' and 'traveling'. Mobile miking was found to be main source of communication in this campaign.

At any rate, we need to vaccinate all children including those living in hard to reach areas during this NID. This is very important for making Bangladesh polio free once again.

## Surveillance Summary for 1999-2006 (through Epidemiologic Week 46, November 12 – 18, 2006)

	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>
Number of AFP cases	761	1138	1287	1365	1128	1301	1458	1433
No. of clinically confirmed polio cases	322	197	NA	NA	NA	NA	NA	NA
No. of compatible cases according to virologic classification system	NA	NA	36	0	0	2	0	1
No. of cases with isolation of wild poliovirus	29	1	0	0	0	0	0	15
No. of discarded polio cases (i.e., non-polio AFP)	439	941	1251	1365	1128	1299	1458	1289
No. of cases pending classification	0	0	0	0	0	0	0	128
Expected annual number of non-polio AFP cases (1/100,000 children <15 yr)*	505	515	533	549	556	563	1094	1114

## AFP Surveillance Performance Indicators:

Indicator	Target	1999	2000	2001	2002	2003	2004	2005	2006
1. Annual Non-Polio AFP rate in children < 15 years old	≥ 2.0	0.87	1.82	2.34	2.49	2.03	2.31	2.66	2.62
2. Completeness of passive reporting from facilities	≥ 90%	66%	83%	65%	62%	67%	82%	92%	89%
3. Timeliness of passive reporting from facilities	≥ 80%	30%	58%	38%	36%	62%	75%	84%	83%
4. Suspected AFP cases investigated within 48 hours of notification	≥ 80%	83%	93%	96%	96%	98%	98%	99%	99%
5. Confirmed AFP cases with 2 stool specimens collected ≤ 14 days after paralysis onset	≥ 80%	49%	68%	80%	89%	90%	90%	92%	92%
6. Stool specimens arriving at laboratory ≤ 3 days after collection	≥ 80%	81%	92%	97%	98%	99%	99%	99%	99%
7. Stool specimens arriving at laboratory in "good" condition "good" = 1. Presence of unmelting ice or temperature <8°C 2. Adequate volume (≥ 8 grams or size of ½ thumb) 3. No evidence of leakage 4. No evidence of desiccation (drying)	≥ 90%	97%	100%	100%	99%	100%	100%	100%	100%
8. Confirmed AFP cases receiving a follow-up exam at least 60 days after paralysis onset	≥ 80%	97%	95%	93%	99%	100%	98%	99%	91% <sup>2</sup>
9. Stool specimens with laboratory results ≤ 28 days after specimen receipt	≥ 80%	58%	94%	99%	100%	100%	100%	100%	98% <sup>3</sup>
10. Stool specimens from which non-polio enterovirus (NPEV) was isolated	≥ 10%	13%	21%	29%	28%	23%	20%	20%	15%

<sup>1</sup> Data as of November 18, 2006; <sup>2</sup> among cases occurring up to September 4, 2006; <sup>3</sup> as of October 21, 2006, \* Prior to 2005 NPAFP rate calculated as 1/100,000 children.

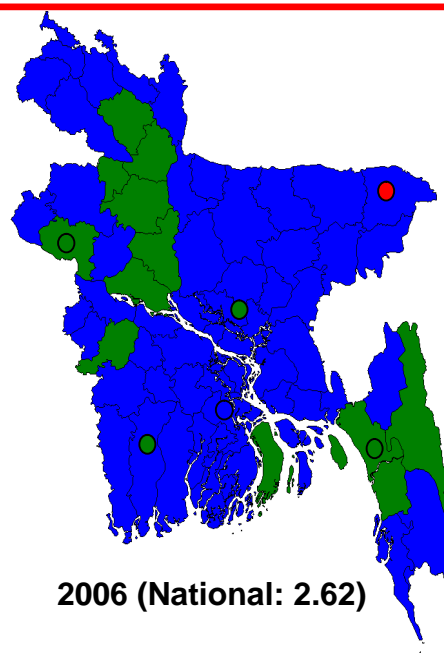
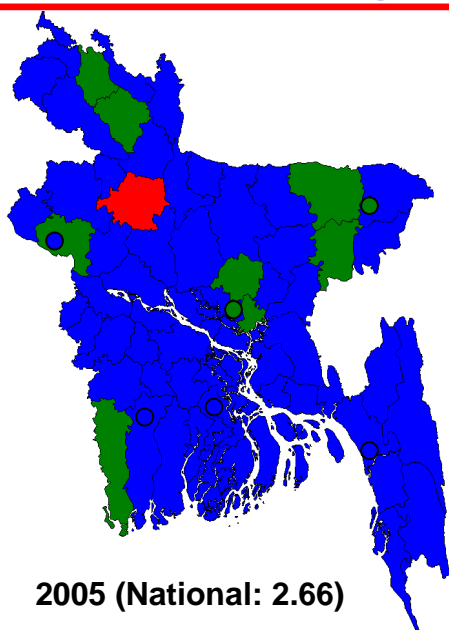
Please provide your feedback and comments to Dr. Md. Tazul Islam, DPM-EPI or Dr. Abdul Quader Mian, Program Manager,  
Child Health & Limited Curative Care, EPI Bhaban, Mohakhali, Dhaka 1212 Telephone: 9880530 or 9898797  
Chief Advisor to the Editorial Board: Dr. Md. Shukuruddin Mridha, Director PHC & Line Director ESD, DGHS, Mohakhali Dhaka.

District	Minimum operational target of non-polio AFP		Total # AFP <sup>1</sup>		Wild polio-virus isolated		# Compatible cases		Non- Polio AFP cases <sup>1</sup>		Pending final classif. <sup>1</sup>		Annualized Non-polio AFP Rate <sup>1</sup>		Notification within 10 d after paralysis onset <sup>1</sup>		Investigation within 48 h after notification <sup>1</sup>		% with 2 stools within 14 days <sup>1</sup>		Stool sample arriving to lab within 72 hrs <sup>1</sup>		% with 60-day follow-up <sup>2</sup>	
	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
Dhaka Division																								
Dhaka (non DCC)	25	26	47	38		1			47	36	0	1	3.82	3.16	89%	95%	100%	100%	87%	95%	98%	97%	94%	80%
DCC only	61	64	54	47					54	44	0	3	1.76	1.55	96%	94%	98%	100%	93%	89%	100%	98%	93%	92%
Faridpur	15	16	23	26					23	26	0	0	3.01	3.79	96%	88%	100%	100%	96%	100%	100%	96%	96%	100%
Gazipur	18	18	15	21					15	18	0	3	1.70	2.27	100%	95%	100%	100%	93%	95%	100%	95%	100%	67%
Gopalganj	10	10	24	25					24	24	0	1	4.87	5.46	100%	96%	100%	100%	100%	96%	100%	100%	100%	100%
Jamalpur	18	19	32	24					32	19	0	5	3.48	2.30	88%	79%	97%	100%	88%	92%	100%	96%	100%	100%
Kishoreganj	22	22	33	41		2			33	35	0	4	2.99	3.55	88%	93%	100%	100%	94%	90%	100%	100%	97%	88%
Madaripur	10	10	22	20					22	17	0	3	4.59	3.98	91%	95%	100%	100%	96%	100%	100%	100%	100%	100%
Manikganj	11	11	17	20					17	16	0	4	3.03	3.19	82%	100%	100%	100%	88%	100%	100%	100%	100%	100%
Munshiganj	11	11	31	20					31	18	0	2	5.64	3.67	97%	90%	100%	100%	97%	95%	100%	100%	100%	100%
Mymensingh	39	39	51	45					51	40	0	5	2.63	2.31	80%	91%	98%	100%	84%	96%	100%	98%	100%	100%
Narayanganj	19	20	16	26					16	23	0	3	1.66	2.64	94%	88%	100%	100%	100%	88%	100%	100%	100%	86%
Narsingdhi	17	17	19	21					19	20	0	1	2.24	2.61	90%	90%	100%	100%	89%	90%	100%	100%	100%	100%
Netrokona	17	17	26	27					26	26	0	1	3.03	3.37	100%	93%	100%	100%	96%	96%	100%	100%	100%	100%
Rajbari	8	8	11	21					11	16	0	5	2.65	4.30	100%	86%	100%	100%	100%	90%	100%	100%	100%	33%
Sariatpur	9	10	26	31					26	29	0	2	5.52	6.87	96%	94%	100%	97%	92%	97%	100%	100%	100%	100%
Sherpur	11	11	15	21					15	19	0	2	2.74	3.88	100%	86%	93%	95%	100%	90%	100%	100%	100%	100%
Tangail	28	28	32	36					32	33	0	3	2.30	2.65	91%	92%	100%	100%	91%	97%	100%	100%	100%	100%
Total-DHAKA	349	357	494	510	0	3	0	0	494	459	0	48	2.83	2.91	92%	92%	99%	100%	92%	94%	100%	99%	98%	92%
CTG Division																								
Bandarban	3	3	3	4					3	4	0	0	2.19	3.22	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Brahmanbaria	21	21	25	35		1			25	29	0	5	2.43	3.16	92%	83%	92%	100%	88%	80%	100%	94%	100%	100%
Chandpur	20	21	21	23		1			21	22	0	0	2.06	2.37	95%	100%	95%	100%	86%	96%	100%	100%	95%	100%
Chittagong (non CCC)	38	38	46	31		4			46	25	0	2	2.43	1.48	98%	100%	100%	100%	96%	94%	100%	100%	100%	100%
CCC only	20	21	22	17					22	15	0	2	2.17	1.62	100%	94%	100%	100%	96%	88%	100%	100%	100%	100%
Comilla	40	41	50	60					50	58	0	2	2.50	3.23	98%	93%	98%	100%	90%	95%	100%	100%	98%	92%
Cox's Bazar	16	16	19	25					19	23	0	2	2.39	3.20	90%	100%	100%	100%	89%	96%	100%	96%	100%	100%
Feni	10	11	26	11					26	11	0	0	4.96	2.34	96%	91%	100%	100%	92%	82%	100%	100%	100%	100%
Khagrachari	5	5	7	7					7	5	0	2	2.75	2.12	86%	86%	100%	100%	86%	86%	100%	100%	100%	NA
Lakshmipur	13	13	24	18					24	16	0	2	3.71	2.76	88%	100%	100%	100%	88%	94%	100%	100%	96%	100%
Noakhali	23	23	43	24		1			43	22	0	1	3.81	2.17	95%	96%	98%	100%	95%	96%	100%	100%	98%	67%
Rangamati	5	5	7	4					7	3	0	1	2.89	1.36	57%	75%	100%	100%	71%	75%	100%	100%	100%	100%
Total-CTG	214	218	293	259	0	7	0	0	293	233	0	19	2.74	2.42	94%	94%	98%	100%	91%	92%	100%	99%	99%	94%
Sylhet Division																								
Habiganj	15	16	14	20		1			14	15	0	4	1.83	2.19	100%	85%	100%	100%	86%	95%	100%	100%	100%	100%
Moulvi Bazar	14	14	15	15					15	14	0	1	2.11	2.18	100%	93%	100%	100%	100%	93%	100%	100%	100%	75%
Sunamganj	18	18	14	29					14	26	0	3	1.60	3.30	100%	83%	100%	97%	93%	79%	92%	97%	100%	100%
Sylhet (non SCC)	19	20	25	35					25	33	0	2	2.57	3.78	100%	97%	100%	100%	88%	91%	100%	100%	100%	100%
SCC only	4	4	3	2					3	1	0	1	1.57	0.54	100%	100%	100%	100%	100%	100%	100%	100%	100%	NA
Total-SYL	70	72	71	101	0	1	0	0	71	89	0	11	2.02	2.81	100%	90%	100%	99%	92%	89%	100%	99%	100%	97%
Raj Division																								
Bogra	26	27	13	26					13	22	0	4	0.99	1.87	85%	92%	100%	100%	92%	92%	100%	96%	100%	40%
Dinajpur	23	24	27	24				1	27	21	0	2	2.32	2.00	78%	79%	100%	100%	89%	83%	100%	96%	100%	100%
Gaibandha	18	18	20	17					20	15	0	2	2.19	1.84	90%	82%	100%	100%	90%	76%	90%	94%	100%	100%
Joypurhat	7	7	13	5		1			13	4	0	0	3.52	1.21	85%	80%	100%	100%	85%	80%	100%	100%	100%	100%
Kurigram	15	15	16	21					16	20	0	1	2.11	2.95	81%	81%	100%	95%	94%	90%	100%	100%	100%	100%
Lalmonirhat	10	10	13	12					13	11	0	1	2.68	2.53	85%	83%	100%	100%	77%	92%	100%	100%	100%	100%
Natore	13	13	13	19					13	18	0	1	2.00	3.09	100%	95%	100%	100%	100%	89%	100%	100%	100%	100%
Nilphamari	14	14	12	14					12	13	0	1	1.75	2.11	100%	93%	100%	100%	100%	93%	100%	100%	100%	100%
Noagoan	21	21	31	25					31	23	0	2	3.01	2.50	100%	84%	97%	92%	87%	84%	96%	92%	100%	100%
Nowabganj	13	13	19	18					19	17	0	1	2.99	2.97	90%	89%	100%	100%	84%	94%	100%	100%	100%	83%
Pabna	19	19	25	18					25	16	0	2	2.66	1.90	100%	94%	100%	100%	100%	94%	100%	100%	100%	75%
Panchagarh	7	8	11	11					11	10	0	1	2.97	3.00	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Rajshahi (non RCC)	17	17	16	17					16	14	0	3	1.92	1.86	75%	94%	100%	100%	69%	94%	100%	100%	100%	100%
RCC only	3	4	5	4					5	3	0	1	2.88	1.91	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Rangpur	22	23	15	15					15	14	0	1	1.35	1.40	100%	93%	100%	100%	93%	93%	100%	100%	100%	100%
Sirajganj	24	24	25	23					25	19	0	4	2.12	1.79	88%	91%	100%	100%	96%	91%	100%	100%	100%	25%
Thakurgoan	11	11	12	12					12	11	0	1	2.24	2.28	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total-RAJ	263	268	286	281	0	1	0	1	286	251	0	28	2.17	2.13	91%	89%	100%	99%	91%	90%	99%	98%	100%	87%
Khulna Division																								
Bagerhat	13	13	25	22					25	21	0	1	3.89	3.67	100%	100%	96%	95%	100%	91%	100%	95%	100%	71%
Chuadanga	9	9	11	13					11	12	0	1	2.42	2.92	82%	100%	100%	92%	73%	100%	100%	100%	100%	NA
Jessore	22	22	31	25					31	24	0	1	2.85	2.45	97%	80%	100%	100%	94%	84%				

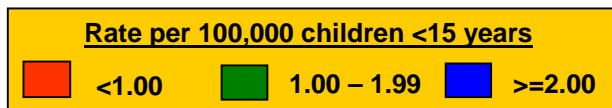
District	Neonatal Tetanus						Measles								AEFI	
	# of case reported by Active Surveillance		# of case reported by Passive Surveillance		# of case Investigated		# of case reported by Active Surveillance		# of case reported by Passive Surveillance		Outbreak*					
											Number of Outbreak (% Investigated)		# of cases		# of case Reported	
	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006		
Dhaka Division																
Dhaka (non DCC)	4	2	4	2	4	1	28	16	62	34	3(100%)	1(100%)	480	191	31	22
DCC only	11	5	15	8	11		204	95	241	85	20(100%)	1(100%)	2791	247	7	29
Faridpur	2	3	5	4	5	3	5	3	58	28	1(100%)	1(100%)	79	24	80	65
Gazipur	3		3		2		15	22	44	22	1(100%)	1(100%)	79	80	7	4
Gopalganj	7	2	8	1	7	2	5	31	157	71	3(100%)	1(100%)	144	30	51	29
Jamalpur			2	2		1	4	3	36	8					17	41
Kishoreganj	26	11	28	10	16	6	58	21	153	21	8(100%)	1(100%)	431	94	28	39
Madaripur		2	1	1		2	16	18	183	72	7(100%)	6(100%)	510	690	61	31
Manikganj	2		1	1		1	3	6	46	98	7(100%)	1(100%)	1211	38	40	20
Munshiganj	2		5		2		4	2	291	14	3(100%)		175		18	20
Mymensingh	21	21	12	16	20	22	41	31	206	44	6(100%)		582		82	34
Narayanganj			1				83	25	84	31	1(100%)		73		31	55
Narsingdhi	1	1					22	15	46	15	1(100%)		53		10	28
Netrokona	2	8	8	9	8	8	6	2	199	67	8(100%)		986		28	41
Rajbari	1		3		2			4	50	20					8	37
Shariatpur	3	2	5	1	3	1	6	1	152	32	5(100%)		314		52	27
Sherpur	3	3	8	9	7	3		1	75	14	1(100%)		146		31	21
Tangail	4	7	3	6	5	6	15	12	27	22					26	29
Total-DHAKA	92	67	112	70	92	56	515	308	2110	698	75(100)%	13(100)%	8054	1394	608	572
CTG Division																
Bandarban							2	1	8	5					19	13
Brahmanbaria	9	7	18	7	11	7	2	4	61	13	3(100%)		269		7	13
Chandpur	4		3		3		7	6	91	16	4(100%)	2(100%)	103	57	44	33
Chittagong (non CCC)	1	1	7		1		17	17	76	23	1(100%)		17		7	10
CCC only	8	2	4	3	7	2	78	42	60	42	2(100%)		161		6	14
Comilla	8	8	6	6	2		9	18	219	69	9(100%)	1(100%)	1045	74	6	10
Cox's Bazar	7	3	8	8	7	1	7	15	24	22	1(100%)	1(100%)	183	42	8	15
Feni	2		4	1	2	1	5	1	211	26	5(100%)	1(100%)	412	25	11	15
Khagrachari							2		29	1					2	8
Laxmipur	6	13	10	8	6	10	4	11	78	35	2(100%)	1(100%)	41	31	55	20
Noakhali	7	5	11	5	8	2	27	19	86	18	1(100%)		80		20	5
Rangamati			1				1	2	53	7					3	2
Total-CTG	52	39	71	39	47	23	161	136	996	277	28(100%)	6(100%)	2311	229	188	158
Sylhet Division																
Habiganj	9	10	12	8	2	2	23		131	28	5(100%)		399		38	20
Maulvibazar	7	3	7	2	1		27	6	174	25	3(100%)		317		16	42
Sunamganj	8	15	12	11	6	8	285	21	354	40	2(100%)		730		28	33
Sylhet (non SCC)	4	3	4	1	6	3	162	27	326	81	4(100%)		204		20	16
SCC only	1	1	1	1	2	1	165	20	182	21					1	3
Total-SYL	29	32	36	23	17	14	662	74	1167	195	14(100%)	0	1650	0	103	114
Raj Division																
Bogra	2	4	6	5	3	1	7	5	28	24	2(100%)		75		169	89
Dinajpur	7	4	8	4	7	4	3	3	18	42	1(100%)	1(100%)	63	209	59	42
Gaibandha	2	1	5		8				28	4	1(100%)	7(100%)	61	541	44	43
Joypurhat	1		1		1		4	2	28	20					26	27
Kurigram		1	5	1	7	3		1	14	28					52	21
Lalmonirhat	1		1		1				21	4					2	13
Natore	4		4		4		16	4	180	39	7(100%)		703		27	89
Nilphamari	3		1	3	2	2	2	1	10	5					44	61
Noagoan	4		4		5	1	3	2	114	4	3(100%)		273		42	27
Nowabganj	6		3		6		6	1	8	1					10	25
Pabna	2	1	2		2	1	11		42	21					13	11
Panchagarh	1	2	3	2	2	2	2		75	3					10	13
Rajshahi (non RCC)	4	3	6	5	5	3	5	8	12	21	1(100%)	1(100%)	266	223	14	32
RCC only							14	5	242	207	5(100%)	1(100%)	329	50	47	33
Rangpur	10	5	8	3	9	6	7	1	7	1	2(100%)		47		31	22
Sirajganj	1	3	2	4	1	1	4		18	5	1(100%)		127		17	19
Thakurgaon							18	3	22	3	3(100%)		453		7	25
Total-RAJ	48	24	59	27	63	24	102	36	867	432	26(100%)	12(100%)	2397	1101	584	569
Khulna Division																
Bagerhat	4	2	4		2	1	8	9	305	58	13(100%)	10(100%)	674	480	24	58
Chuadanga	4	1	6	4	5	1	1	2	24	19					136	28
Jessore	5	8	4	6	3	8	10	39	44	72					60	37
Jhenaidah	2	3	2	2	2	2	3	4	20	13	2(100%)	1(100%)	99	148	37	16
Khulna (non KCC)	2	1	4	2	2	1	6	2	717	168	14(100%)	2(100%)	918	132	62	44
KCC only	1		1		1		3	5	127	19	14(100%)	1(100%)	1161	35	11	9
Kushtia	1	1		1	1	1	4	3	74	14	2(100%)	1(100%)	176	251	16	19
Magura	1		2	1	1	1	2	3	18	33					50	20
Meherpur	2	1	3	1	2	1	3	4	34	7	1(100%)		108		9	8
Narail	10	1	9	3	10	1	1	6	22	3	1(100%)		66		15	15
Satkhira	3	2	3	1	2	2		1	20	14	2(100%)	1(100%)	176	47	39	55
Total-KHU	35	20	38	21	31	19	41	78	1405	420	49(100%)	20(100%)	3378	1339	333	299
Barisal Division																
Barguna		2	1	2			9	5	84	35					5	9
Barisal (non BCC)	4	7	6	5	2		33	20	72	14	1(100%)		48		18	27
BCC only	2		1		2		29	13	21	10					1	3
Bhola	4	1	8	4	6	1	3	2	72	11	1(100%)		108		29	41
Jhalakhati	3	2	3	3	1	2	24	11	29	11	1(100%)		68		19	18
Patuakhali	3	3	3	4	2	2	41	28	70	46	3(100%)		331		6	13
Pirojpur		2	3	1	2		15	2	32	7	5(100%)		665		33	26
Total-BAR	16	17	25	19	15	5	154	81	380	134	11(100%)	0	1220	0	111	137
National	272	199	341	199	265	141	1,635	713	6,925	2,156	203(100%)	51(100%)	19,010	4,063	1,927	1,849

Data as of Epidemiologic Week 46, November 18, 2006, \* Only lab confirmed measles and mixed outbreaks

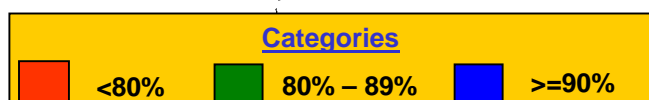
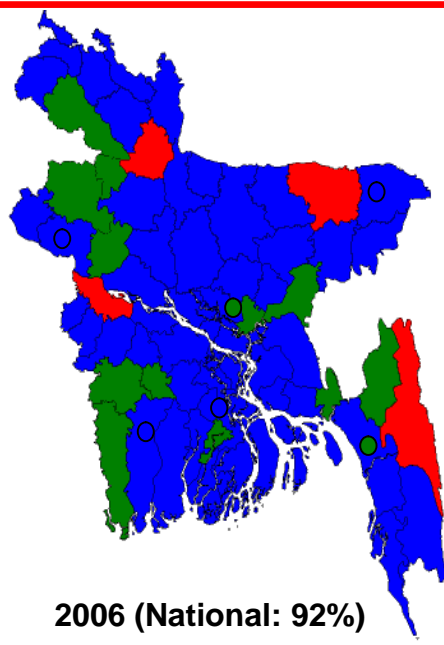
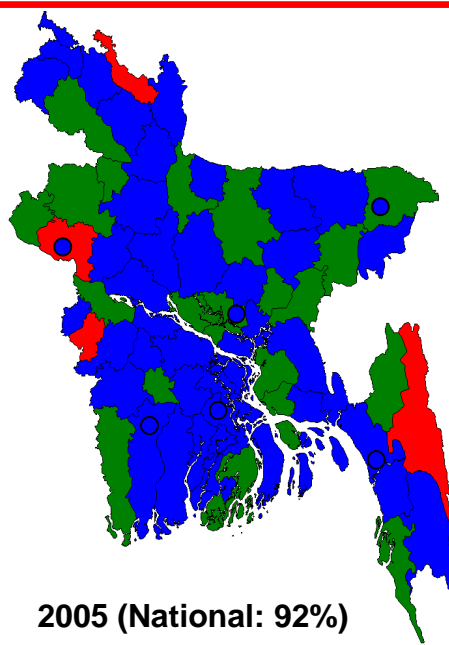
## Annualized Non-Polio AFP Rate, by District, Bangladesh 2005-2006\*



\*Data as of Epidemiologic Week 46, November 18, 2006



## Percentage of AFP Cases with Two Stool Samples Collected within 14 days of Paralysis Onset, by District, Bangladesh 2005-2006\*



\*Data as of Epidemiologic Week 46, November 18, 2006

International Developmental Partners for Polio Eradication in Bangladesh include Centers for Disease Control and Prevention, Atlanta, Governments of Japan, the Netherlands, USAID, Rotary International, U.K. DFID, UN Foundation, UNICEF and WHO