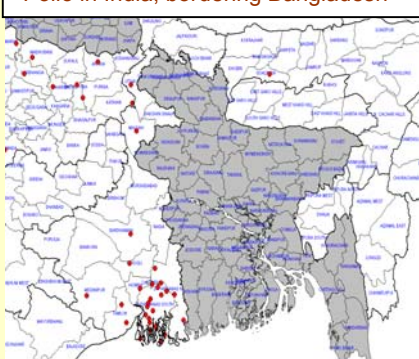## 12th NIDs Preparations Underway

12th NIDs preparations came to the stage of final launching as the series of orientations and planning meetings at different levels started through the National Briefing Meeting for the Trainers at the EPI Bhaban on 4 December 2004. The high officials present in the session pledged to make the 12th NIDs the best in the face of the high threat of importation of polio virus from India. Although this risk has decreased following substantial decrease in number of cases in India this year, there are still cases occurring in the vicinity of Bangladesh's border in the Indian States of West Bengal, Bihar and Assam. Bangladesh will be considered to be a high risk country till India reaches "0" case status. International experts believe that Bangladesh is protected from importation at this moment due to "immunity barrier" formed by consistent high coverage achieved during the NIDs and by relatively high routine OPV3 coverage. 12th NIDs are needed to keep up this "immunity barrier" and thus protecting the children of Bangladesh from the menace of poliomyelitis.

Polio in India, bordering Bangladesh

The orientations are scheduled as follows:
1. Divisional Planning Meetings: 7-14 December
2. District/CC Orientation Meetings: 13-20 December
3. Upazila/Municipal Meetings: 20-31 December
4. Ward level Volunteer's Meetings: 01-15 January. The 1st and 2nd rounds of 12th NIDs are scheduled for 18 January and 29 March 2004 respectively.

The other important activities of the preparatory phase of the NIDs are micro-planning, updating of maps, IPC and miking. IPC this time is planned to be closely supervised to improve it's quality. As usual importance has been given to miking, especially to mosque miking on the day of NID and to sermon by the Imams during the Friday prayer prior to it. Emphasis has been given to traveling population as they are the most likely to be missed; sites for mobile populations are planned for all 5 days of NID week.

Meanwhile the year 2003 is heading towards the end and all the national surveillance indicators are being maintained at certifiable level; but in some districts some of the indicators have not reached the desired target. Recognizing the hard work needed to sustain the surveillance activities at optimal level, EPI thinks that there are rooms for further improvement and there should not be any sense of complacency. Any case of reported AFP should always be investigated without delay; AFP was, is and will continue to remain as top priority in EPI activities.

Shishu Shishu Proti Shishu Khuje Fero Proti Shishu !

Surveillance Summary for 1998-2003 (through Epidemiologic Week 48, November 23 - 29, 2003)

	1998	1999	2000	2001	2002	2003[1]
Number of AFP cases	475	761	1138	1287	1365	1065
No. of clinically confirmed polio cases	298	322	197	NA	NA	NA
No. of compatible cases according to virologic classification system	NA	NA	NA	36	0	0
No. of cases with isolation of wild poliovirus	10	29	1	0	0	0
No. of discarded polio cases (i.e., non-polio AFP)	165	439	941	1251	1365	1031
No. of cases pending classification	0	0	0	0	0	34
Expected annual number of non-polio AFP cases (1/100,000 children <15 yr)	495	505	515	533	549	556

AFP Surveillance Performance Indicators:

Indicator	Target	1998	1999	2000	2001	2002	2003
1. Annual Non-Polio AFP rate in children < 15 years old	≥ 1/100,000	0.33	0.87	1.82	2.35	2.49	2.25[2]
2. Completeness of active reporting from hospitals	≥ 90%	46%	73%	95%	100%	100%	100%
3. Timeliness of active reporting from hospitals	≥ 80%	15%	44%	72%	88%	100%	99%
4. Suspected AFP cases investigated within 48 hours of notification	≥ 80%	89%	83%	93%	96%	96%	98%
5. Confirmed AFP cases with 2 stool specimens collected ≤ 14 days after paralysis onset	≥ 80%	59%	49%	68%	80%	89%	89%
6. Stool specimens arriving at laboratory ≤ 3 days after collection	≥ 80%	88%	81%	92%	97%	98%	100%
7. Stool specimens arriving at laboratory in "good" condition "good" = 1. Presence of unmelted 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%	92%	97%	100%	100%	99%	100%
8. Confirmed AFP cases receiving a follow-up exam at least 60 days after paralysis onset	≥ 80%	80%	97%	95%	93%	99%	95%[3]
9. Stool specimens with laboratory results ≤ 28 days after specimen receipt	≥ 80%	16%	58%	94%	99%	100%	100%[4]
10. Stool specimens from which non-polio enterovirus (NPEV) was isolated	≥ 10%	5%	13%	21%	29%	28%	24%

[1] *Data as of Nov 29, 2003;* [2] *NPAFP rate annualized for cases according to Sep 27, 2003;* [3] *among cases with inadequate stools occurring up to Aug 30, 2003;* [4] *as of Oct 30, 2003:*

AFP Surveillance Performance Indicators -- 2003

District	# Expected non-polio AFP	Total # AFP[1]	Wild polio-virus isolated	# Compatible cases	Non- Polio AFP cases[1]	Pending final classif.[1]	Annualized Non-polio AFP Rate[2] (/1,00,000)	Notification within 10 d after paralysis onset[1]	Investigation within 48 h after notification[1]	% with 2 stools within 14 days[1]	Stool sample arriving to lab within 72 hrs[1]	# eligible for 60-day follow-up[3]	% with 60-day follow-up[3]
Dhaka Division													
DCC ONLY	37	38			33	5	1.12	79%	97%	84%	100%	4	100%
DHAKA (NON DCC)	14	26			26	0	2.38	92%	100%	89%	100%	3	100%
FARIDPUR	8	30			30	0	4.50	93%	100%	93%	100%	2	100%
GAZIPUR	9	16			15	1	2.07	75%	100%	81%	100%	2	100%
GOPALGANJ	5	22			21	1	5.07	96%	100%	96%	100%	1	100%
JAMALPUR	9	18			18	0	2.52	72%	94%	83%	100%	3	100%
KISHOREGANJ	11	36			35	1	4.00	94%	97%	94%	100%	1	100%
MADARIPUR	5	18			18	0	4.80	83%	100%	89%	100%	2	100%
MANIKGANJ	6	14			14	0	2.67	71%	100%	79%	100%	3	100%
MUNSHIGANJ	6	25			22	3	4.22	100%	96%	92%	96%	0	NA
MYMENSINGH	19	24			23	1	1.47	67%	96%	79%	100%	5	80%
NARAYANGANJ	9	12			12	0	1.48	83%	100%	83%	100%	2	100%
NARSINGDHI	8	13			13	0	1.67	92%	100%	100%	100%	0	NA
NETROKONA	8	15			14	1	2.00	67%	87%	87%	100%	2	100%
RAJBARI	4	8			7	1	2.33	75%	100%	75%	100%	2	100%
SHARIATPUR	5	21			20	1	5.07	91%	100%	91%	95%	2	50%
SHERPUR	5	11			11	0	2.93	91%	100%	100%	100%	0	NA
TANGAIL	14	33			32	1	2.86	88%	100%	91%	100%	3	100%
Total-DHAKA	*182*	*380*	*0*	*0*	*364*	*16*	*2.45*	*85%*	*98%*	*89%*	*100%*	*37*	*95%*
CTG Division													
CCC ONLY	12	8			8	0	0.89	100%	100%	100%	100%	0	NA
CHITTAGONG (NON CCC)	20	35			33	2	2.07	83%	97%	77%	100%	5	100%
BANDARBAN	1	0			0	0	0.00	NA	NA	NA	NA	0	NA
BRAHMANBARIA	10	11			10	1	1.07	91%	82%	64%	100%	3	100%
CHANDPUR	10	24			24	0	2.93	92%	96%	96%	96%	1	100%
COMILLA	20	44			44	0	2.73	93%	98%	98%	100%	1	100%
COX'S BAZAR	8	17			16	1	2.50	88%	100%	94%	100%	1	100%
FENI	5	10			10	0	2.13	100%	100%	100%	100%	0	NA
KHAGRACHARI	2	7			7	0	4.00	57%	71%	57%	86%	3	100%
LAXMIPUR	6	14			13	1	2.67	93%	93%	86%	100%	1	100%
NOAKHALI	11	17			17	0	2.06	88%	94%	94%	100%	1	100%
RANGAMATI	2	5			5	0	3.33	80%	80%	100%	100%	0	NA
Total-CTG	*107*	*192*	*0*	*0*	*187*	*5*	*2.16*	*89%*	*95%*	*89%*	*99%*	*16*	*100%*
Sylhet Division													
SCC	1	1			1	0	1.33	100%	100%	100%	100%	0	NA
SYLHET (NON SCC)	10	13			12	1	1.60	100%	100%	100%	100%	0	NA
HABIGANJ	8	8			8	0	1.33	88%	88%	88%	100%	1	100%
MAULVIBAZAR	7	10			10	0	1.90	90%	90%	90%	100%	1	0%
SUNAMGANJ	9	13			12	1	1.78	92%	100%	86%	100%	2	100%
Total-SYL	*35*	*45*	*0*	*0*	*43*	*2*	*1.64*	*93%*	*96%*	*91%*	*100%*	*4*	*75%*
Raj Division													
RCC ONLY	2	3			3	0	2.00	67%	100%	100%	100%	0	NA
RAJSHAHI (NON RCC)	8	10			10	0	1.50	100%	100%	80%	89%	1	100%
BOGRA	13	19			19	0	1.54	100%	100%	100%	100%	0	NA
DINAJPUR	11	19			19	0	1.94	84%	100%	95%	100%	1	100%
GAIBANDHA	9	16			15	1	1.93	88%	94%	75%	100%	3	100%
JOYPURHAT	4	11			10	1	3.00	73%	100%	73%	100%	3	100%
KURIGRAM	8	14			14	0	1.83	86%	100%	71%	100%	4	100%
LALMONIRHAT	5	7			6	1	1.07	86%	100%	86%	100%	1	0%
NATORE	7	8			7	1	1.14	100%	100%	100%	100%	0	NA
NILPHAMARI	7	13			13	0	2.29	77%	100%	85%	100%	2	100%
NOAGOAN	10	23			23	0	2.93	96%	100%	91%	100%	2	100%
NOWABGANJ	6	4			4	0	0.89	100%	100%	100%	100%	0	NA
PABNA	9	17			16	1	2.07	88%	100%	82%	100%	3	100%
PANCHAGARH	4	12			12	0	3.67	83%	100%	83%	100%	2	100%
RANGPUR	11	12			12	0	0.97	82%	100%	83%	100%	2	50%
SIRAJGANJ	12	16			16	0	1.33	94%	100%	94%	100%	0	NA
THAKURGAON	5	16			16	0	2.93	88%	94%	81%	100%	3	100%
Total-RAJ	*131*	*220*	*0*	*0*	*215*	*5*	*1.83*	*89%*	*99%*	*86%*	*100%*	*27*	*93%*
Khulna Division													
KCC ONLY	5	1			1	0	0.27	100%	100%	100%	100%	0	NA
KHULNA (NON KCC)	7	10			10	0	1.71	80%	100%	80%	100%	2	100%
BAGERHAT	7	8			8	0	1.14	86%	100%	88%	100%	1	100%
CHUADANGA	4	9			9	0	3.00	89%	100%	100%	100%	0	NA
JESSORE	11	13			12	1	1.33	83%	92%	77%	100%	3	100%
JHENAIDAH	7	9			9	0	1.71	100%	100%	100%	100%	0	NA
KUSHTIA	7	14			14	0	2.48	86%	100%	100%	100%	0	NA
MAGURA	4	6			6	0	2.00	100%	100%	100%	100%	0	NA
MEHERPUR	3	3			3	0	1.33	100%	100%	100%	100%	0	NA
NARAIL	3	3			3	0	1.33	100%	100%	100%	100%	0	NA
SATKHIRA	8	9			9	0	1.50	67%	100%	89%	100%	1	100%
Total-KHU	*66*	*85*	*0*	*0*	*84*	*1*	*1.60*	*87%*	*99%*	*92%*	*100%*	*7*	*100%*
Barisal Division													
BCC	1	3			3	0	4.00	100%	100%	100%	100%	0	NA
BARISAL (NON BCC)	9	23			23	0	2.96	91%	91%	91%	100%	1	100%
BARGUNA	4	24			21	3	6.67	100%	100%	100%	100%	0	NA
BHOLA	7	24			24	0	4.19	83%	100%	88%	100%	2	100%
JHALAKHATI	3	18			17	1	7.11	94%	94%	100%	100%	0	NA
PATUAKHALI	6	21			20	1	4.22	86%	100%	86%	100%	3	100%
PIROJPUR	5	30			30	0	7.47	100%	97%	100%	100%	0	NA
Total_BAR	*35*	*143*	*0*	*0*	*138*	*5*	*4.88*	*93%*	*97%*	*94%*	*100%*	*6*	*100%*
National	*556*	*1065*	*0*	*0*	*1031*	*34*	*2.25*	*88%*	*98%*	*89%*	*100%*	*97*	*95%*

[1]Data as of Epidemiologic Week 48, Nov 29, 2003;   [2] Non-Polio AFP rate is annualized for cases occurring up to Sep 27, 2003;   [3] among cases with inadequate stools occurring up to Aug 30, 2003

Disease Surveillance -- 2003

District	Neonatal Tetanus			Measles			AEFI
	Total Reported by Active Surveillance	Total reported by Passive Surveillance	Total Case Investigated	Total Reported by Surveillance Network	Total Reported by EPI 6 Disease Surveillance	Number of Outbreak* (% Investigated)	Total case reported
Dhaka Division							
DCC ONLY	11		7	42			
DHAKA (NON DCC)	3		4	513	44		
FARIDPUR	8	10	6	71	21	1 (100%)	1
GAZIPUR	2		2	32	9		9
GOPALGANJ	9	9	10	36	29		
JAMALPUR	4	1	4	97	190		12
KISHOREGANJ	14	14	18	159	161		6
MADARIPUR	2	1	2	5	3		4
MANIKGANJ	3	1	1	10	300		
MUNSHIGANJ	2		2	15	4		
MYMENSINGH	19	10	24	102	3	1 (100%)	
NARAYANGANJ	2		0	15	2		
NARSINGDHI	6	1	4	38	61		1
NETROKONA	4	7	5	58	56		4
RAJBARI	2	2	0	4	59		
SHARIATPUR	1		1	6	4		5
SHERPUR	13	7	11	14	94		4
TANGAIL	2		2	93	198		5
Total-DHAKA	107	63	103	1310	1238	2 (100%)	51
CTG Division							
CCC ONLY				26			
CHITTAGONG (NON CCC)	4	1	3	22	23		2
BANDARBAN			0	25	205	1 (100%)	
BRAHMANBARIA	22	28	18	24	18		7
CHANDPUR			0	18	10		11
COMILLA	6	2	2	127	74		
COX'S BAZAR	4	2	1	54	109		
FENI	3	4	2	21	100		1
KHAGRACHARI	2	2	0	4	73		
LAXMIPUR	7	10	7	87	2		9
NOAKHALI	3	5	4	60	38		1
RANGAMATI			0	11	12		
Total-CTG	51	54	37	479	664	1 (100%)	31
Sylhet Division							
SCC				2			
SYLHET (NON SCC)	4	2	3	72	2		
HABIGANJ	16	14	8	39	21	1 (100%)	11
MAULVIBAZAR	11	10	2	40	29		
SUNAMGANJ	20	15	26	102	67		26
Total-SYL	51	41	39	255	119	1 (100%)	37
Raj Division							
RCC ONLY	1	1		7			1
RAJSHAHI (NON RCC)	3	3	2	8	6		1
BOGRA	3	1	3	5	0		1
DINAJPUR	3	5	5	27	21		8
GAIBANDHA	2	5	10	192	184	6 (100%)	
JOYPURHAT			0	22	2		4
KURIGRAM		1	0	87	30	1 (100%)	
LALMONIRHAT			0	28	0		
NATORE	8	10	7	8	0		4
NILPHAMARI	1	2	1	18	21		1
NOAGOAN	1	1	2	26	17		
NOWABGANJ	4	8	10	236	177	2 (100%)	
PABNA	4	4	1	73	54		11
PANCHAGARH			0	17	1		2
RANGPUR	5	2	7	28	41		
SIRAJGANJ	3	2	0	6	58		
THAKURGAON	2		1	27	23		1
Total-RAJ	40	45	49	815	635	9 (100%)	34
Khulna Division							
KCC ONLY	1		1	5			
KHULNA (NON KCC)	8	6	5	14	101		2
BAGERHAT	5	5	5	73	38		1
CHUADANGA	6	5	9	46	52		1
JESSORE	17	11	8	30	63		32
JHENAIDAH	8	7	11	14	16		5
KUSHTIA	6	7	6	16	38		10
MAGURA	8	9	12	35	40		7
MEHERPUR	3	2	4	29	28		2
NARAIL	10	8	9	5	21		10
SATKHIRA	6	3	5	25	25		13
Total-KHU	78	63	75	292	422	0	83
Barisal Division							
BCC				4			
BARISAL (NON BCC)	2			147	125	1 (100%)	1
BARGUNA		1	1	79	44		1
BHOLA	1	1	2	59	41		1
JHALAKHATI	2	1	2	36	4		1
PATUAKHALI		3		132	103	2 (100%)	2
PIROJPUR	1	1		10	10		
Total_BAR	6	7	5	467	327	3 (100%)	6
National	333	273	308	3618	3405	16 (100%)	242

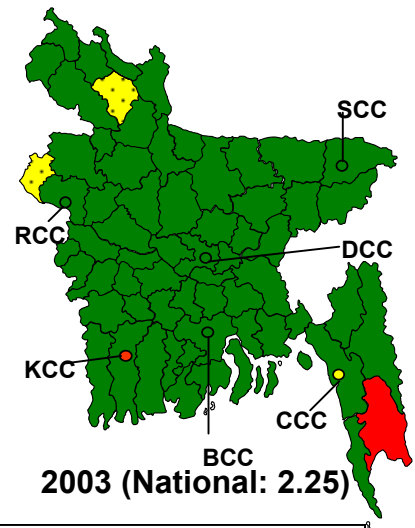Data as of Epidemiologic Week 44, Nov 1, 2003;   *16 Measles Outbreak were Identified

Non-Polio AFP Rate, by District, Bangladesh 2001-2003*
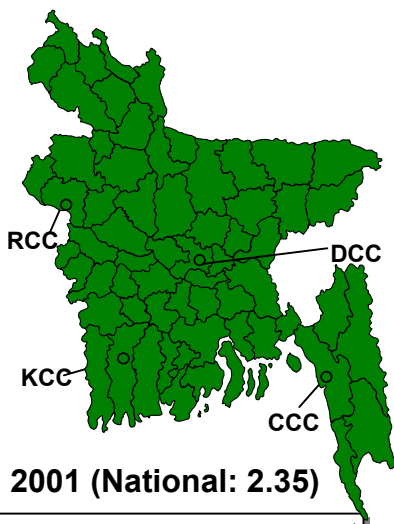
2001 (National: 2.35)

64 of 64 Districts (100%)
+ 4 CC reached target.

2002 (National: 2.49)

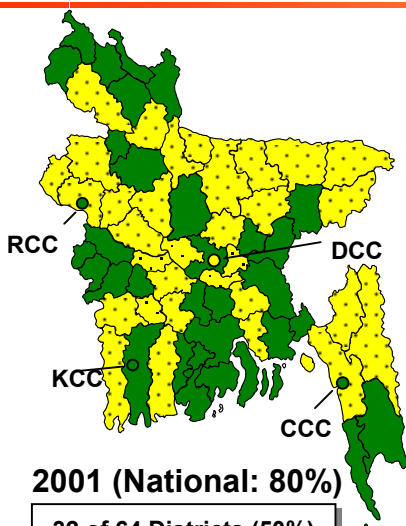64 of 64 Districts (100%)
+ 4 CC reached target.

2003 (National: 2.25)
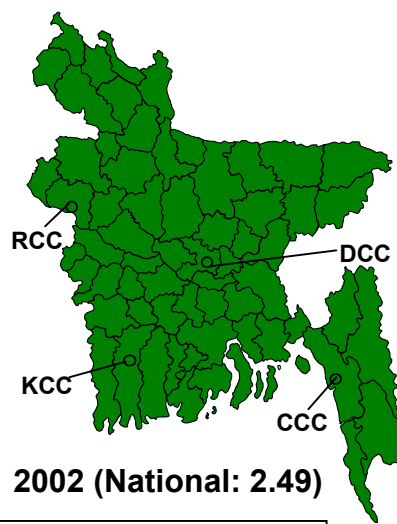
61 of 64 Districts (95%)
+ 4 of 6 CCs reached target.

*Non-polio AFP rate annualized for cases occurring up to September 30, 2003

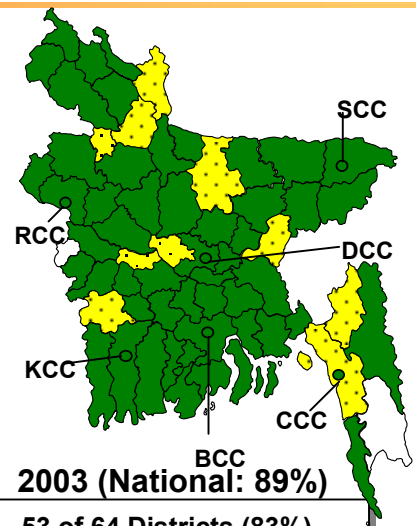**Rate per 1,00,000 children <15 years**

| 0.00 – 0.49 | 0.50 – 0.99 | >=1.00 (Target) |
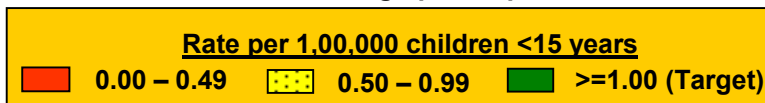
Percent of AFP Cases with Two Stool Samples Collected within 14 days of Paralysis Onset, by District, Bangladesh 2001-2003*

2001 (National: 80%)

32 of 64 Districts (50%)
+ 3 CC reached target.

2002 (National: 89%)
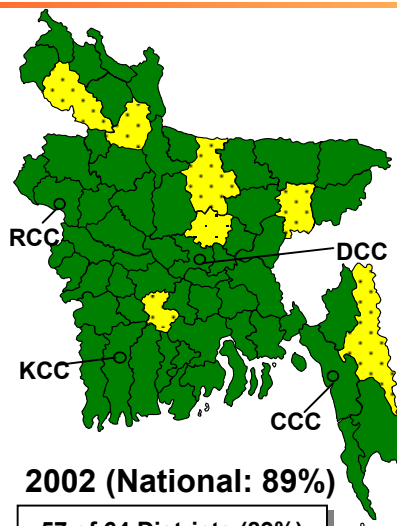
57 of 64 Districts (89%)
+ 4 CC reached target.

2003 (National: 89%)

53 of 64 Districts (83%)
+ 6 CCs reached target.

*Data as of Epidemiologic Week 48, November 29, 2003

Categories

| 0% – 49% | 50% – 79% | >=80% (Target) | No AFP Case |