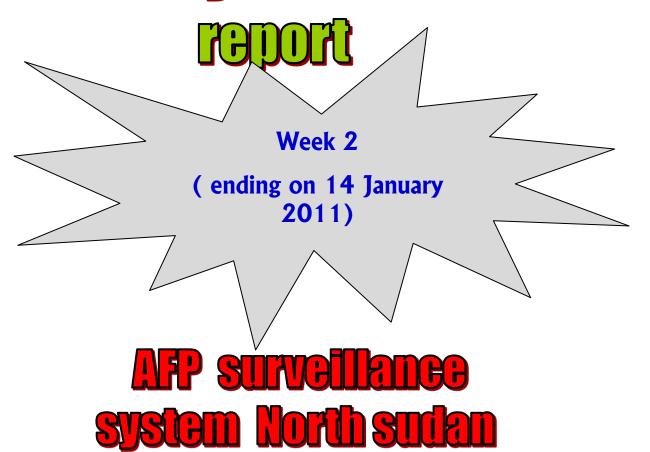
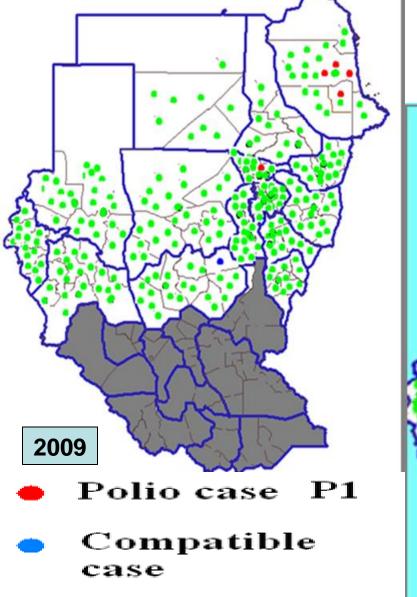




Sudan Weekly Aff surveillance

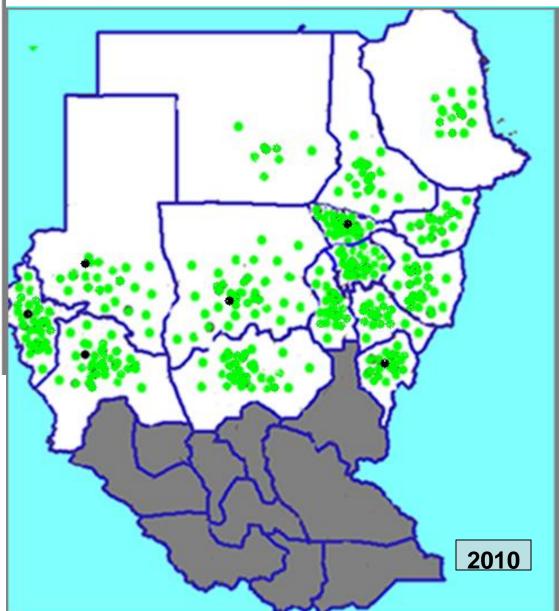




- Non-polio AFP
- Pending classification

Map 2. Distribution of AFP cases by classification

N Sudan 2009-2010



Map 2.
Distribution
of AFP cases
peding
classification

N Sudan 2011

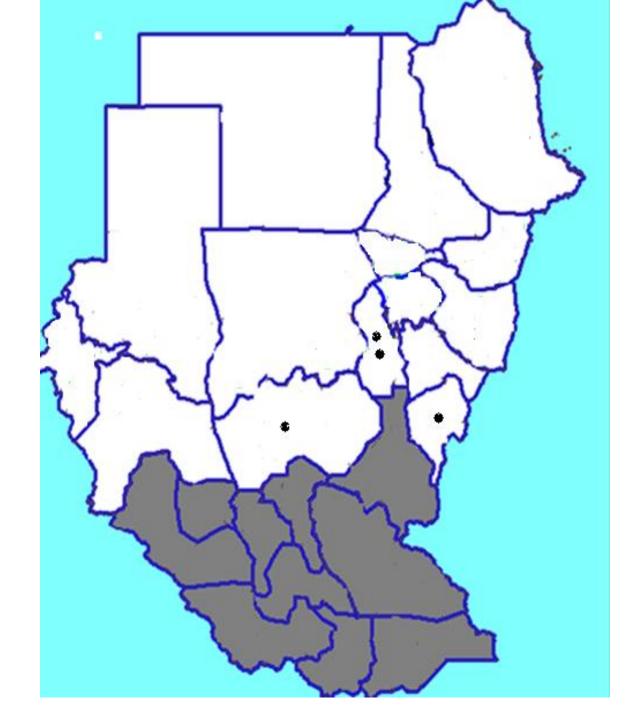


Fig 1. Total AFP cases, North Sudan 2007 - 2011*

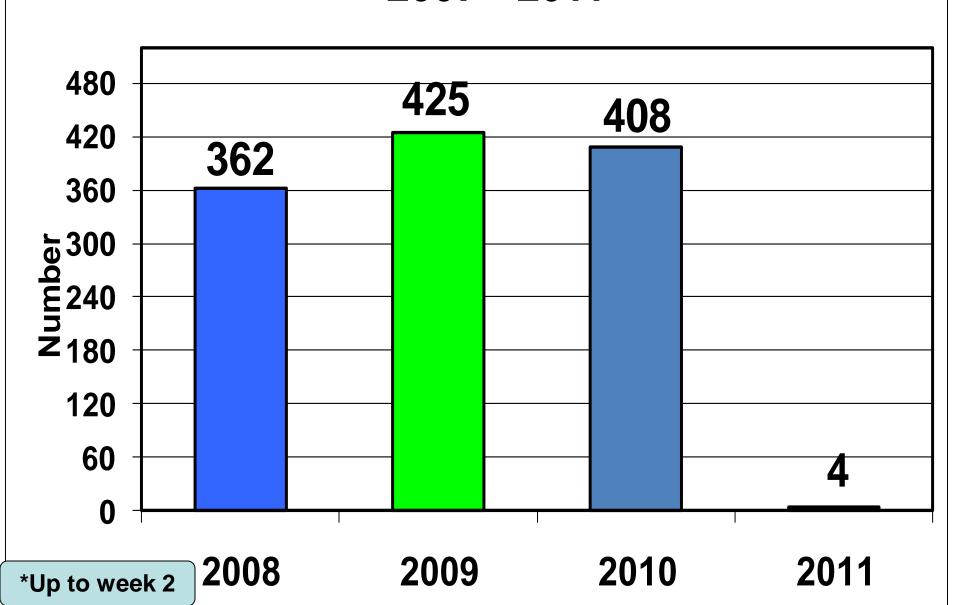


Fig 2. Timeliness of responding to reported AFP cases, North Sudan, 2010

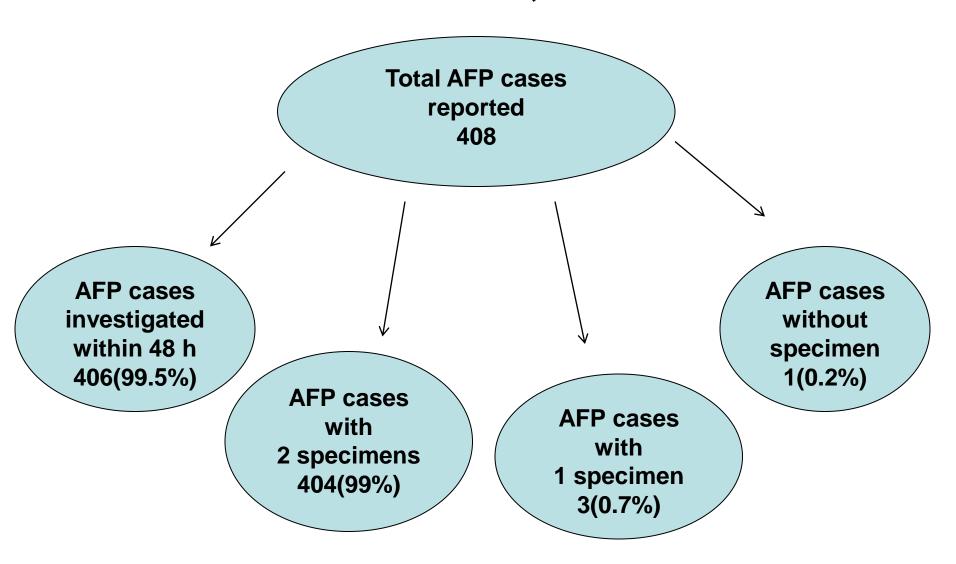


Fig 2. Total AFP cases by classification, North Sudan, 2010

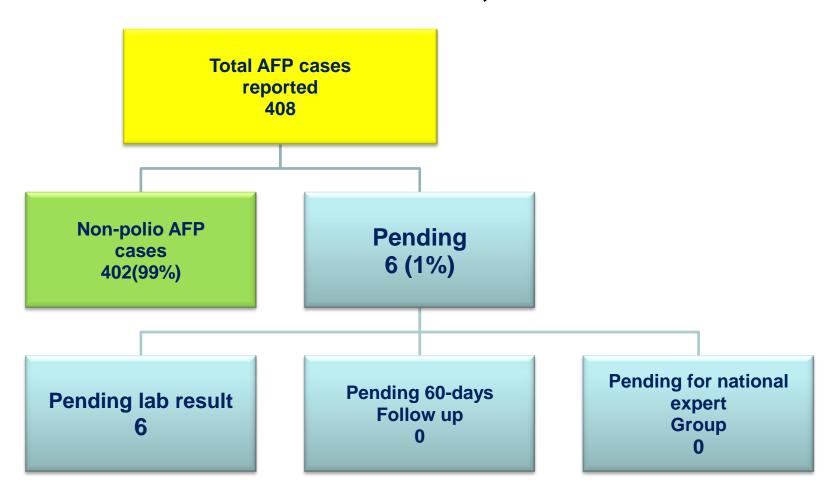


Fig 3. North Sudan AFP cases by age group, 2009 and 2010

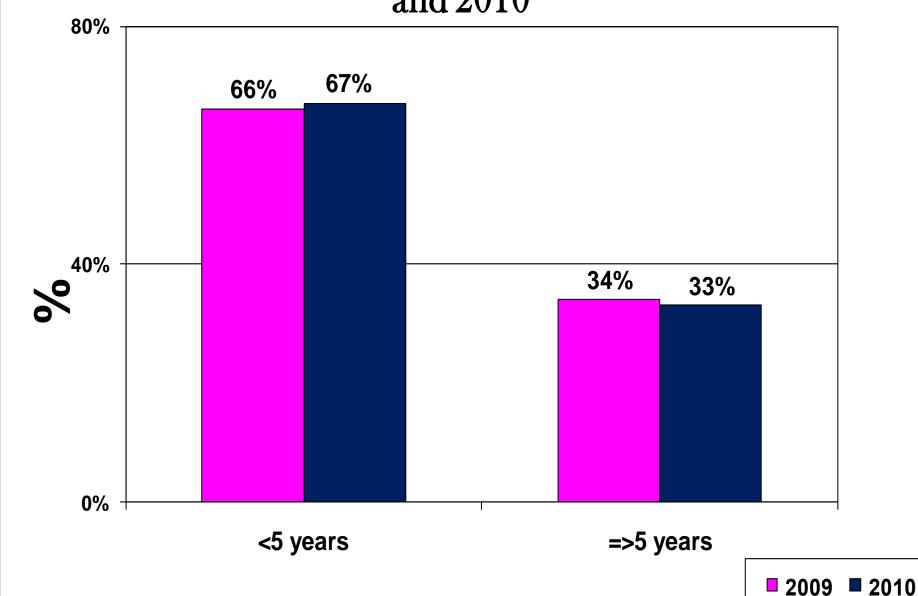


Fig 4. North Sudan AFP cases by Sex, 2009- *2010

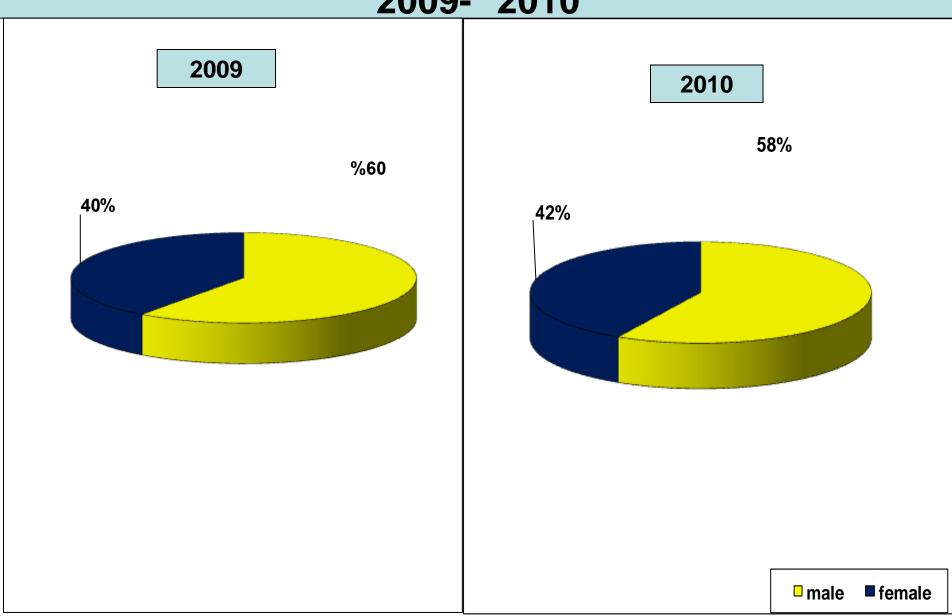


Fig 5. Percent distribution of AFP cases by time of detection, North Sudan, 2009

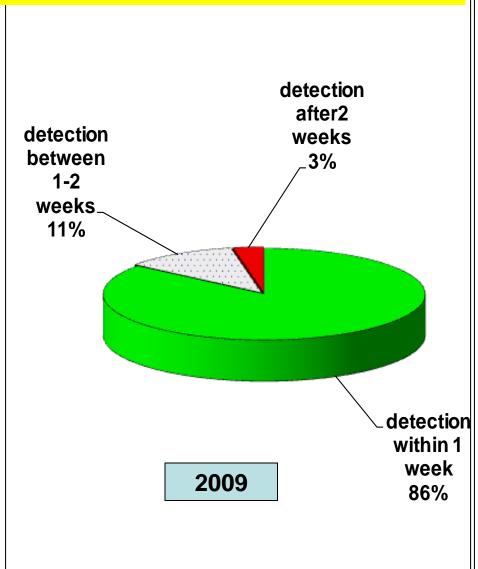
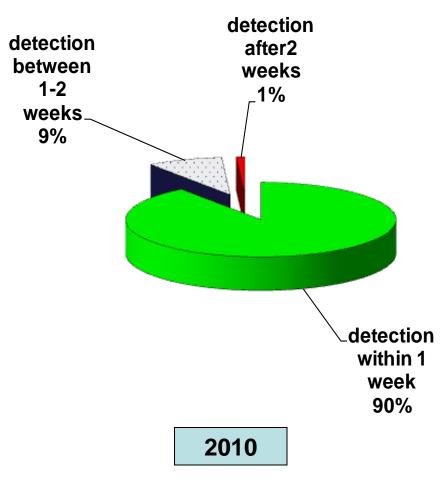


Fig 6. Percent distribution of AFP cases by time of detection, North Sudan, 2010



Early detection {within one week} of AFP cases by states North sudan 2010

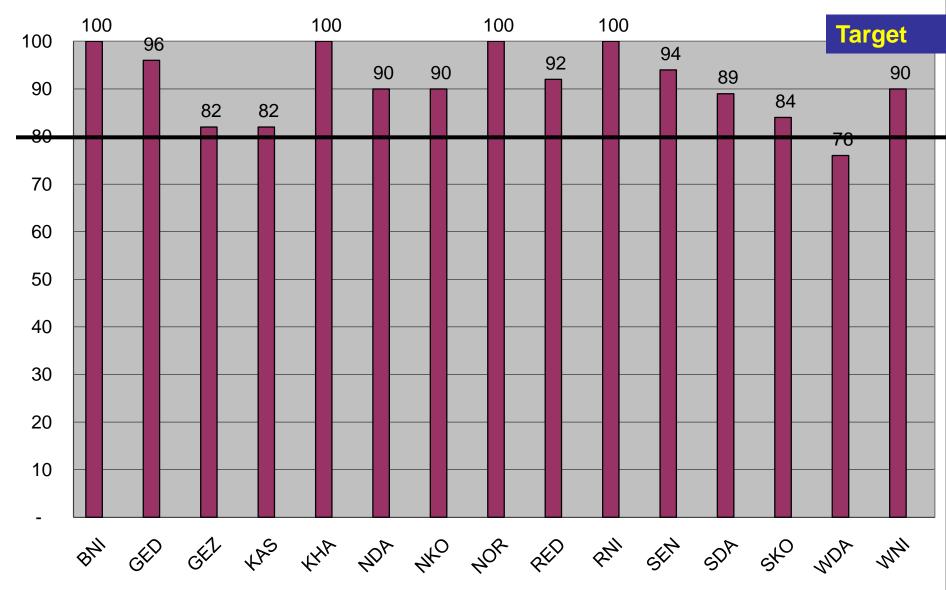


Table 1. Major AFP surveillance performance

indicators, Northern States, 2010 (up to wk 52)											
B. Nile	355,219	20	19	1	0	0	100%	5.6	5%		
Gedarif	833,767	22	22	0	0	0	95%	2.6	14%	_	

0

0

1

1

1

0

0

0

0

0

0

0

0

0

0

0

0

0

96%

95%

100%

100%

98%

100%

2.7

2.7

2.1

3.5

3.2

2.7

20%

5

10%

18%

15%

14%

Gezira

Kasala

N.Darf

N.Kord

Northern

Khartoum

1,868,934

2,316,035

836,608

1,243,363

263,099

815,721

50

22

49

29

40

7

50

22

48

28

39

7

Con-Table 1. Major AFP surveillance performance

0

0

0

1

0

1

0

6

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

92%

94%

88%

97%

100%

98%

100%

97%

8%

6%

25%

24%

28%

15%

14%

15.5%

4.0

4.0

2.3

2.1

2.6

4.4

2.6

2.8

indi	icators,	Nort	hern S	States	, 20	10 (u	p to w	k 52	2)
State	U 15 yrs population	Report ed AFP cases	Non- polio AFP cases	Pending classific a	Polio	Comp	% Adequate stools	Non- polio AFP rate	% NPEV

Red Sea

River Nile

Sennar

S. Darfur

S. Kord

W.Darfur

W. Nile

Total

329,031

453,525

699,734

1,689,498

947,711

927,169

814,450

14,393,864

13

18

16

35

25

41

21

408

13

18

16

34

25

40

21

402

Table 1. Major AFP surveillance performance indicators, Northern States, 2011 (up to wk 2)

IIIC	ilcators	, ITOI	CHELL	State	5, Z	OTT (up to v	VN Z	
State	U 15 yrs population	Report ed AFP cases	Non- polio AFP cases	Pending classifica	Polio	Comp cases	% Adequate stools	Ann.n on polio AFP rate	% NPEV
B. Nile	355,591	1		1			100%	7.1	
Gedarif	860,364								
Gezira	1,921,077								
Kasala	836,195								
Khartoum	2,401,033								
N.Darf	863,045								
N.Kord	1,262,262								
Northern	267,256								

Con-Table 1 Major AED curveillance norforman

indicators, Northern States, 2011 (up to wk 2)										
State	U 15 yrs population	Report ed AFP cases	Non- polio AFP cases	Pending classific a	Polio	Comp	% Adequate stools	Ann.n on- polio AFP rate	% NPEV	

%100

%100

%100

2.7

6.2

0.7

330,018

461,734

717,437

1,747,110

960,789

949,143

834,567

14,777,621

2

4

Red Sea

River Nile

Sennar

S. Darfur

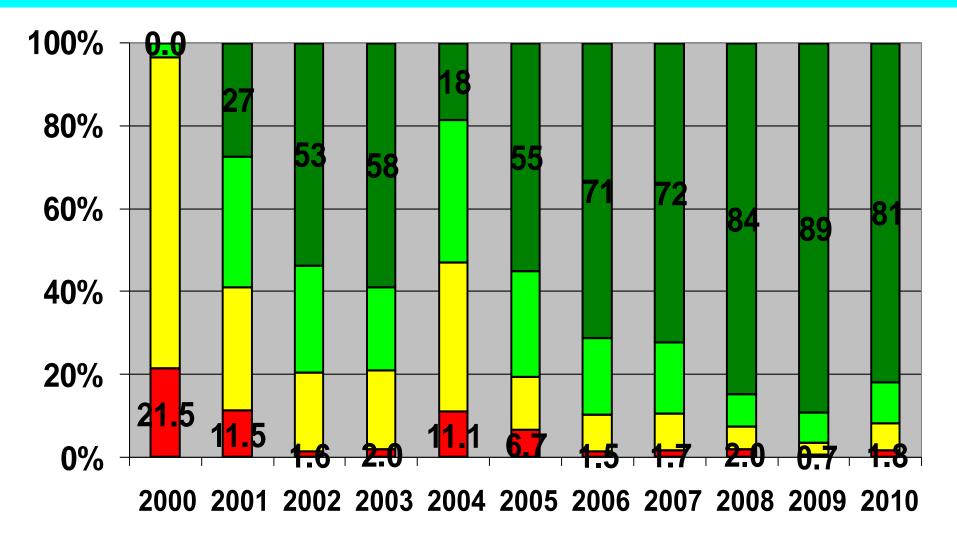
S. Kord

W.Darfur

W. Nile

Total

Fig 7. Percent distribution of AFP cases < 60 months by number of OPV doses, North Sudan 2000-010



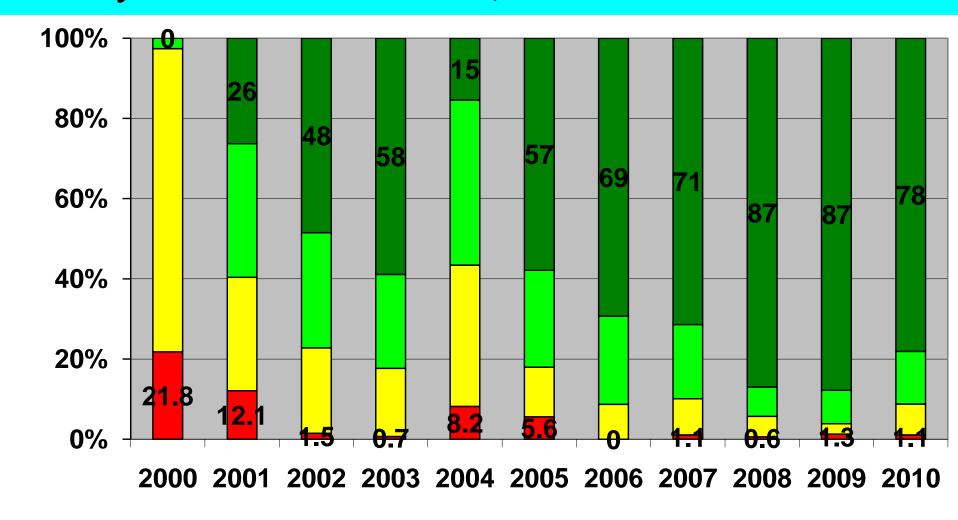
'4-6 OPV doses

■ 7+ OPV doses

□ '1-3 OPV doses

■ 0 OPV doses

Fig 8. No. & percent distribution of AFP cases 6-36 months by number of OPV doses, North Sudan 2000-010



■0 OPV doses □'1-3 OPV doses □'4-6 OPV doses ■7+ OPV doses

Fig 8. Non-Polio AFP rate per 100,000 children under 15 years of age, North Sudan, 2006 – 2010

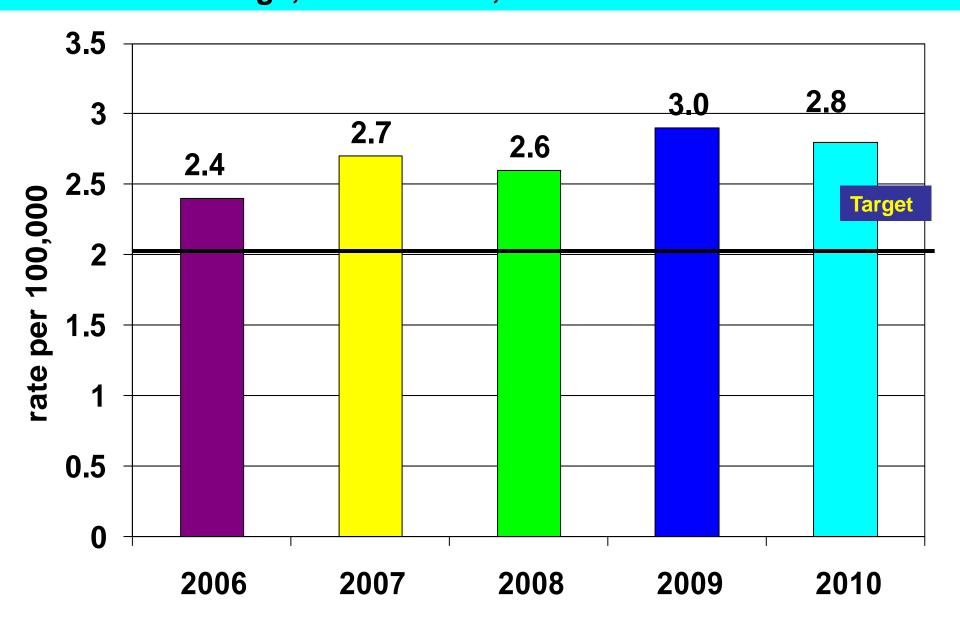


Fig 9. Adequate stool collection rate

North Sudan, 2006 – 2010*

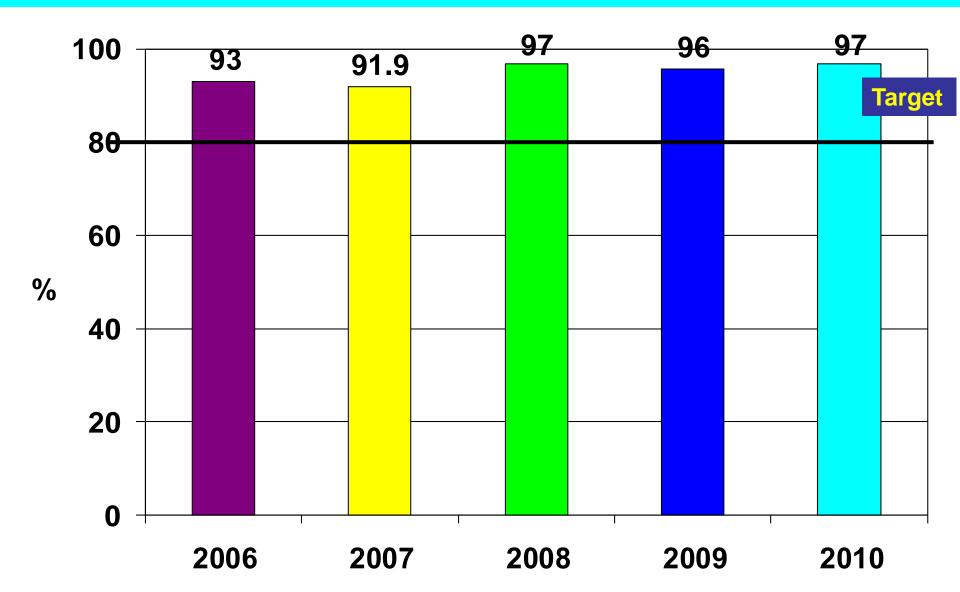


Fig 11. Distribution of polio and non-polio AFP Cases by classification, month of onset & SIA response to the poliovirus importation in North SUDAN 2008-2011*

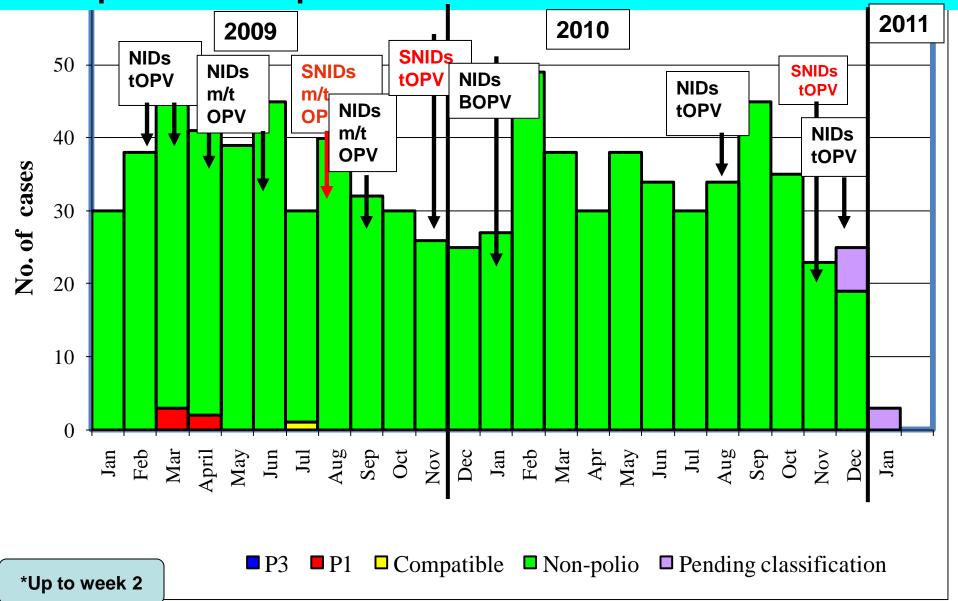
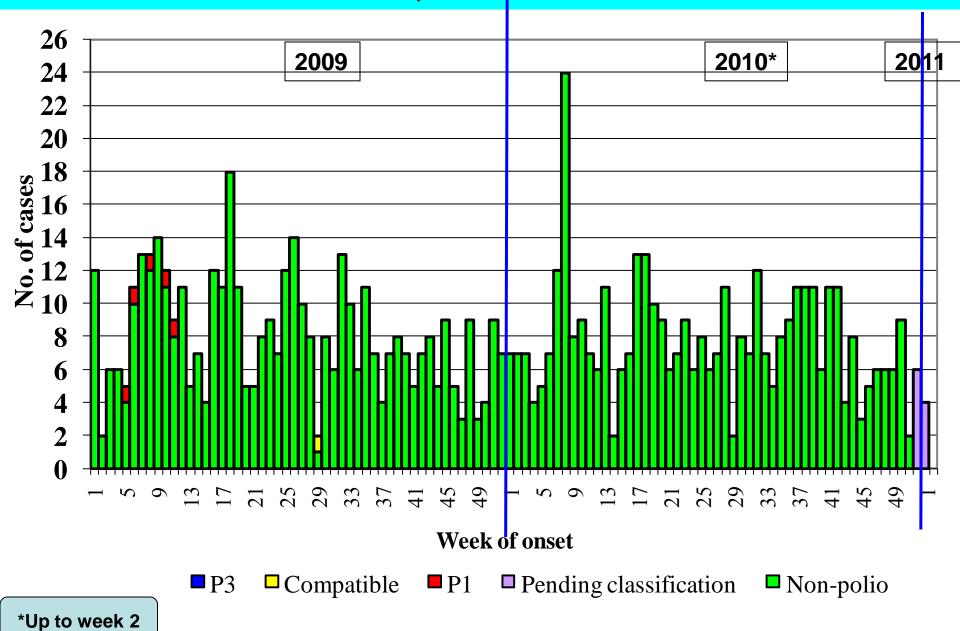


Fig 12. Distribution of AFP cases by classification and week of onset, North Sudan 2007 – 2011*



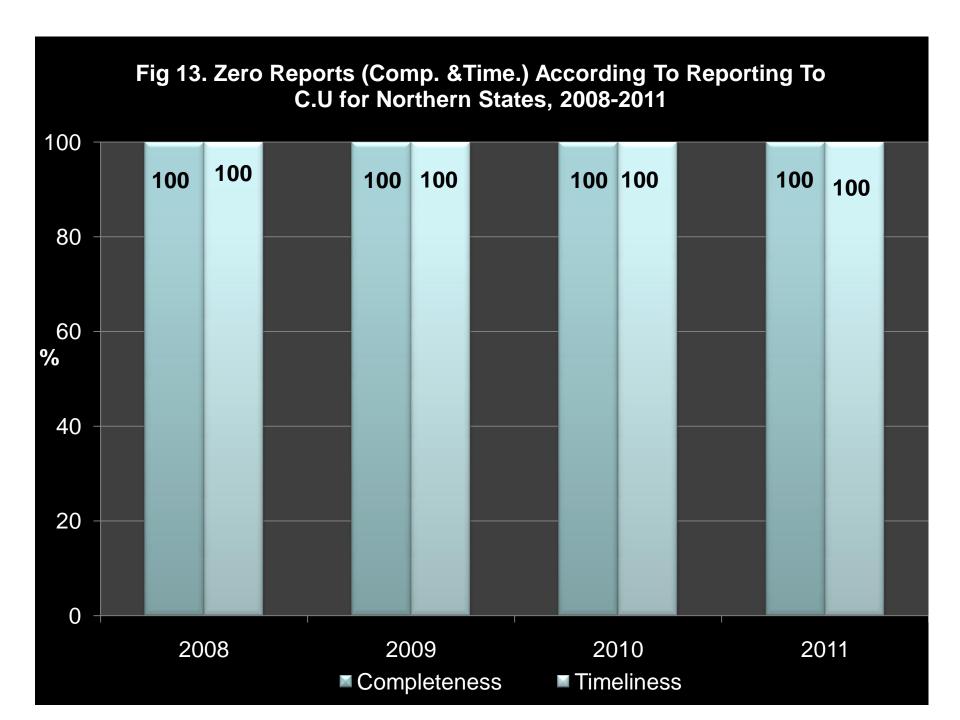
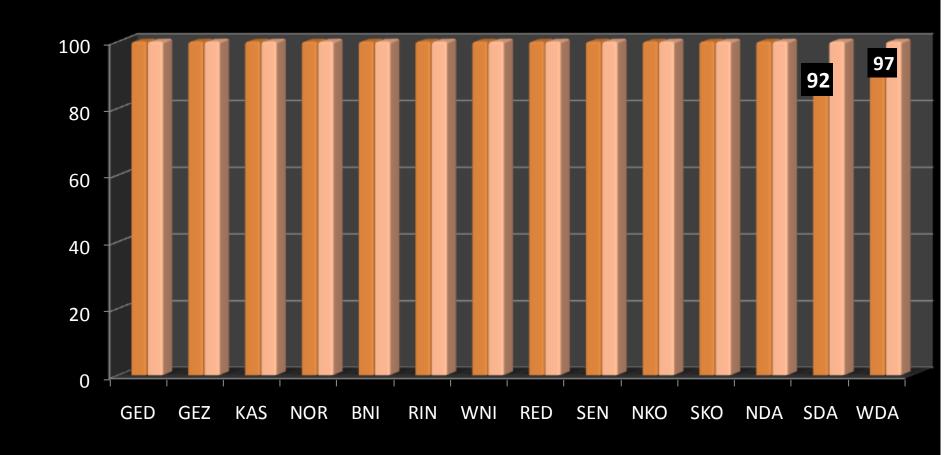


Fig 14. (Comp. & Time) Of Zero Reports According To Reporting Sites For Northern States 2011 (week2)

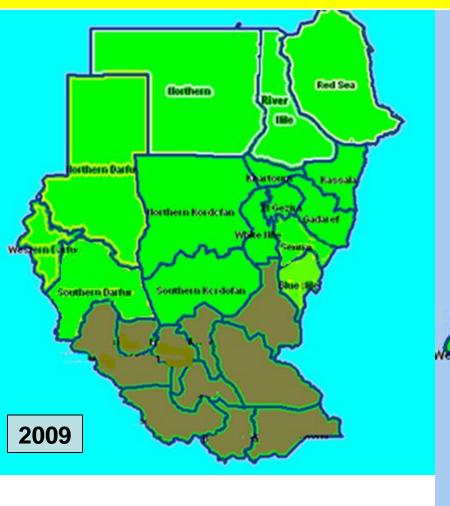


Completeness

■ Timeliness

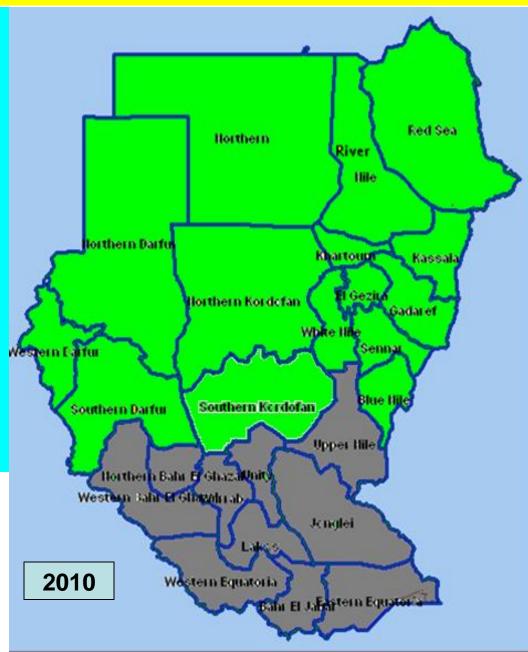
Fig 15. Zero Report (Comp.& Tim.) According To Reporting Sites For Northern States 2011 (up to week 2) 100 98.4 95.8 80 60 % 40 20 0 WDA KAS NOR SDA GED GEZ BNI RNI WNI RED SEN NKO SKO Completness **■** Timelineness

Map 3. Annualized non-polio AFP rate per 100,000 by state, 2009- 2010



2 or more per 100,000

1-1.9 per 100,000



Map 4. Percent distribution of AFP cases having adequate stool samples by state, 2009 - 2010

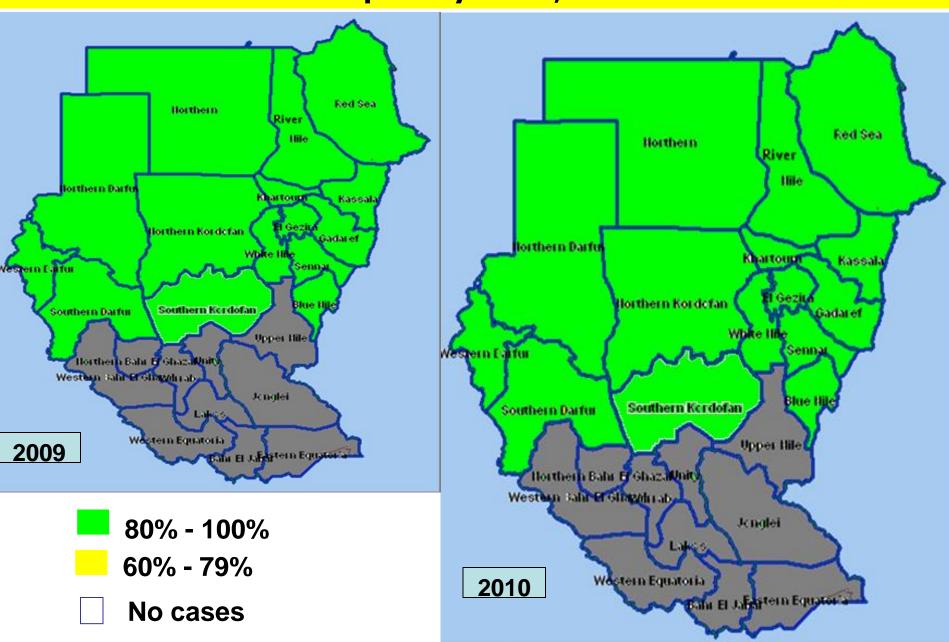


Table 4. National polio lab performance indicators

North Sudan, 2008-2010								
Indicator	2008	2009	2010*					
AFP cases with samples tested in NPL	361	420	407					
Cases with wild poliovirus (imported P1)	0	5	0					
Cases with wild poliovirus (imported P3)	2	0	0					
Cases with non-polio enterovirus	14%	13%	15.5%					
SL viruses No. & (%) from AFP cases	7 (2%)	7 (1.7%)	8 (1.9%)					
Median days from the time of samples received in the lab to primary culture report or L20B result	11 days	12 days	12 days					
Number of samples from the AFP contacts tested in the NPL	407	488	255					
Contacts with non-polio enterovirus	8.1%	8.2%	(13.6)%					
Sabin like viruses No. & (%) from contacts	9(2.3%)	4(0.9)	0					
NSL like viruses from contacts	0	3	0					

Number of Healthy children received in the lab

Table 5. Polio lab performance North Sudan, 2009 and 2010 {up to week 52}

Week of onset	Total AFP Cases with samples	AFP Cases under process	L20B +ve pending ITD	Negative cases	NPEV positive	% NPEV	Result reported within 14 days	Arrival within 3 days of being collected	Arrival within 3 days of being sent
Up to W52 2009	420	0	0	371	53	13%	91%	81%	99%
Up to W52 2010	407	6	0	339	62	15.5 %	93.2%	84%	99%

Table 2 Polio lab performance North Sudan up to week one 2010 and 2011

Week of onset	Total Cases	Cases under process	L20B POS	NPEV negati ve	NPEV positive	% NPEV	Result reported within 14days	Arrival within 3 days of being collected
Up to Week one 2011	1	0	0	0	0	0%	0%	
Up to week one 2010	1	0	0	0	0	0%	0%	

Fig. 14: AFP Specimens' timeliness, NPL2009-2010

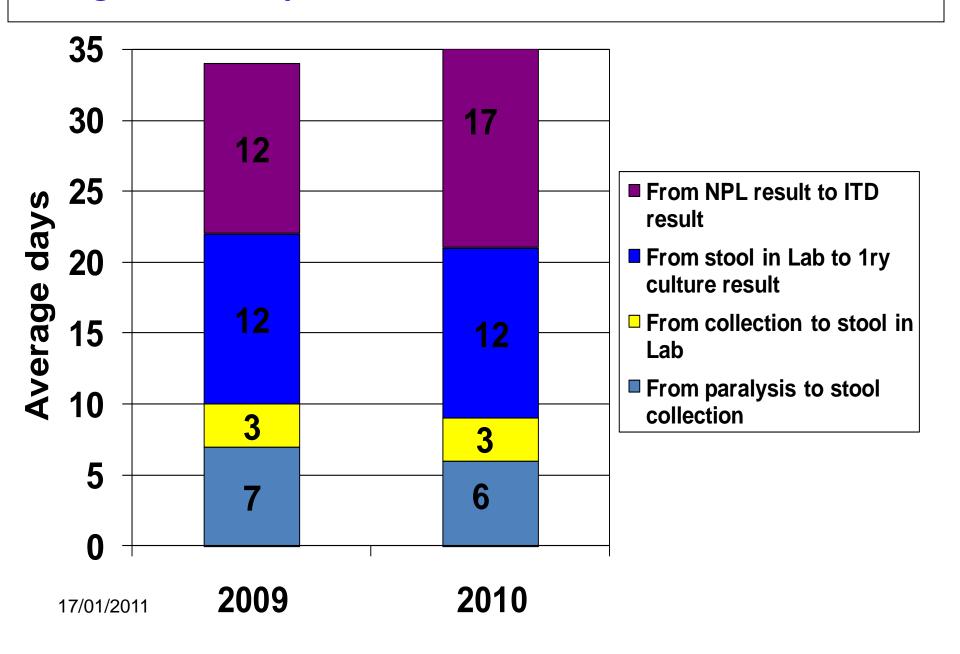


Fig. 14: AFP Specimens' timeliness, NPL 2009-2010

