



**World Health
Organization**

Weekly AFP Surveillance Update Pakistan

Week 8 (*Ended on 23rd February, 2013*)

AFP Surveillance



National Surveillance Cell Federal EPI

World Health Organization Country Office,
Chak Shahzad, Park Road,
Islamabad, Pakistan

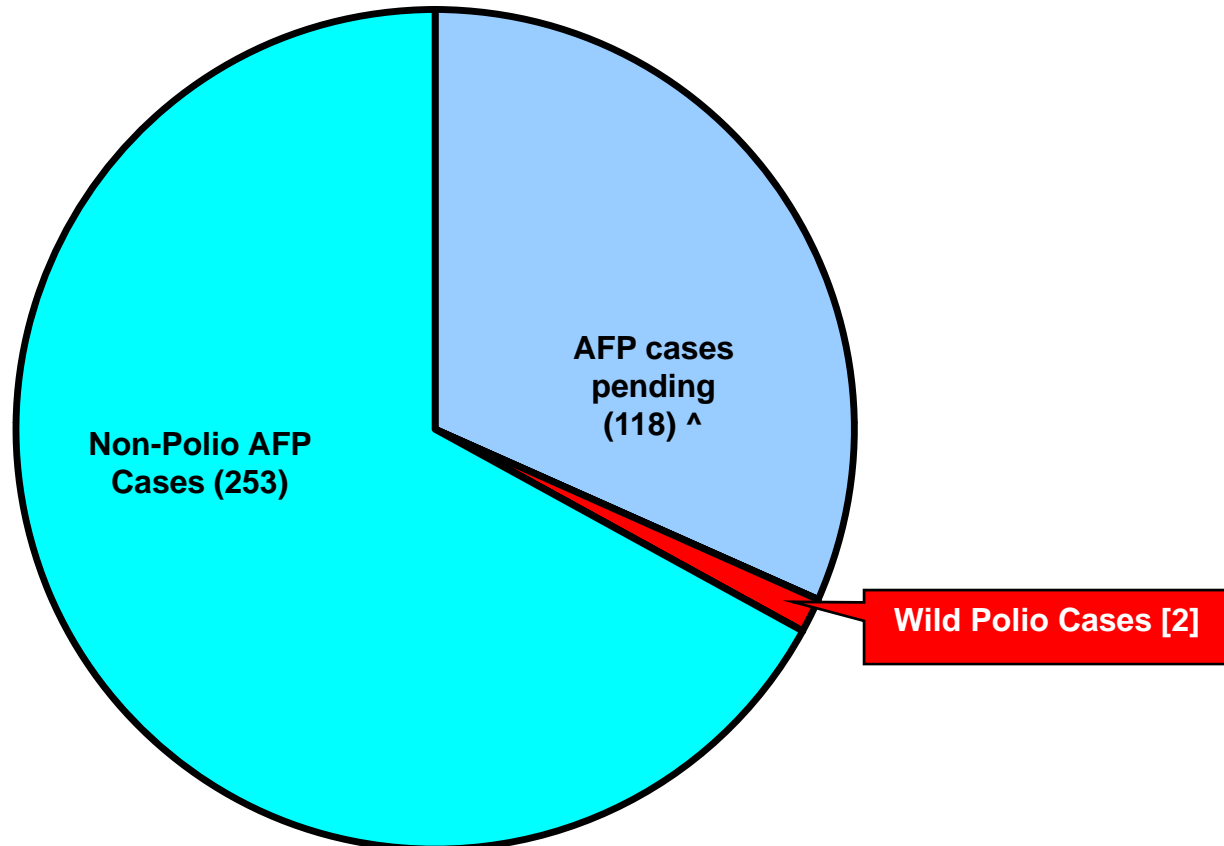
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AFP Case Profile, 2013*



Total AFP Cases Reported = 373

**^2 Inadequate cases pending classification by ERC;
^12 Inadequate cases not due for FUP
^104 Pending in the Lab**

170 cases of 2012 are pending

* Afp.rec Data as of 23-02-2013

Comparison of polio cases by province/region 2012[§] & 2013*

Region/ Province	No. of polio cases		No. of infected districts/towns		Last polio case
	2012	2013	2012	2013	
Khyber Pakhtunkhwa	4	1	4	1	26-Jan-13
FATA / FR Areas	5	-	2	-	10-Nov-12
Sindh	2	1	2	1	14-Jan-13
Balochistan	2	-	1	-	30-Nov-12
Punjab	1	-	1	-	09-Sep-12
Pakistan	14	2	10	2	26-Jan-13

Three additional districts/town declared infected based on environmental samples 2013

¥ Total polio cases of 2012 are 58

* Afp.rec Data as of 23-02-2013

§Based on date of onset

Table 1: List of Confirmed Polio Cases, Pakistan 2013*

S.NO.	PROVINCE/ REGION	DISTRICT	EPID NO.	SEX	AGE (m)	DATE ONSET OF PARALYSIS	NO. OPV DOSES (based on parents recall)		FEVER	Asymmetric Paralysis	Rapid Progression	REFUSAL	WPV TYPE	GENETICS
							Routine	SIA's						Cluster
2	KP	BANNU	NW/61/13/002	M	13	26-Jan-13	0	0	Y	N	Y	Y	NSL1	R4

* Afp.rec Data as of 23-02-2013

¥ From areas having insecurity for long period

Table 2: LAB Update 2013*

Month of Onset	AFP Cases	No virus isolated	Cases Under Process		Isolated Viruses from stools						
			Culture	ITD	Vaccine viruses		NPEV		Wild	Results within 14 days	
			n	n	n	%	n	%	n	n	%
January	324	258	13	0	18	6	33	10%	2	311	96%
February	112	14	95	0	2	2	1	1%	0	17	15%
Pakistan	436	272	108	0	20	5	34	8%	2	328	75%

* Data as of 11-02-2013

Table 3: Urgent Pending Cases 2013*

S. No.	District	Tehsil	Epid	Onset	Age	Sex	SIA's doses	Date of last OPV dose	Urgent By Field	Urgent ¥ NSC Criteria	LAB NO.	Date of first stool collection	Culture-update
1	MARDAN	MARDAN	NW/40/13/009	12-Feb-13	30	M	7+	29-Jan-13	Y	N	514	14-Feb-13	P1
2	MULTAN	RURAL	PB/61/13/013	11-Feb-13	5	F	4	15-Jan-13	Y	Y	531	15-Feb-13	UP

Urgent on both criteria

Discordant, waiting for genomic sequencing results

UP= Under process

* Data as of 25-02-2013

¥ NSC Criteria = Fever , Rapid Progress, Age < 48 months and OPV Doses < 7

€ Based on recall of parents

Table 4: List of samples pending for ITD*

S. No.	DISTRICT / AGENCY / TOWN	TEHSIL / TALUKA	EPID	DONSET	AGE (m)	SEX	SIA's doses	Date of last OPV dose	Urgent by Field	¥ NSC Criteria	LAB NO.	Date of first stool collection	rRT-PCR
1	QUETTA	CITY	BN/11/13/002	7-Feb-13	30	M	1	UK	N	N	528	12-Feb-13	SL3
2	BOLAN	BHAG	BN/42/13/001	10-Feb-13	24	M	0	-	N	N	549	15-Feb-13	UP
3	MARDAN	MARDAN	NW/40/13/009	12-Feb-13	30	M	7+	29-Jan-13	Y	N	514	14-Feb-13	P1
4	MALAKAND	DARGAI	NW/20/13/006	8-Feb-13	3	M	2	22-Jan-13	N	N	546	16-Feb-13	UP
5	DIR LOWER	TEMARGARAH	NW/23/13/004	6-Feb-13	13	F	7+	29-Jan-13	N	N	456	9-Feb-13	SL3

UP= Under process

Discordant, waiting for genomic sequencing results

Waiting for rRTPCR for VDPVs

* Data as of 25-02-2013

¥ Fever, Rapid Progression, Age < 48months & Doses < 7

€ Based on recall of parents

Summary of Laboratory data for Environmental Surveillance- Pakistan (Jan 2011 to date)

Report for Epidemiological week= 08 (17-23 February, 2013)

S.No.	Sites	Total Samples	Wk 2011	Wk 2012	Wk 2013	Epidemiological Weeks																																																							
						2011													2012													2013																													
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52				
Punjab						185	51	30	1																																																				
LAHORE																																																													
1	LHR-Gulshan Ravi Station	25	5	5	[Grid with colored cells representing results]																																																								
2	LHR-Multan Road Station	25	7	6	[Grid with colored cells representing results]																																																								
3	LHR-Outfall Pump Station	25	7	7	[Grid with colored cells representing results]																																																								
MULTAN																																																													
4	Multan-Suraj Miani, SM-1	25	9	1	[Grid with colored cells representing results]																																																								
5	Multan-Alli Town, AT-1	25	6	2	[Grid with colored cells representing results]																																																								
6	Multan-Kotla A. Fateh, KF-1	25	6	1	[Grid with colored cells representing results]																																																								
RAWALPINDI																																																													
7	RWP-Safdarabad, SA-1	25	11	7	[Grid with colored cells representing results]																																																								
FAISALABAD																																																													
8	COMPOSITE SITE, Pump Station	5	0	1	1	[Grid with colored cells representing results]																																																							
9	Ismail City Road	5	0	0	[Grid with colored cells representing results]																																																								
Sindh						175	46	34	1																																																				
GULSHAN-E-IQBAL																																																													
10	KHI-GI-Chakora Nulla	25	6	3	[Grid with colored cells representing results]																																																								
11	KHI-GI-Rashid Minhae Rd	25	8	1	[Grid with colored cells representing results]																																																								
GADAAP																																																													
12	KHI-Gadaap-Composite site	25	11	6	[Grid with colored cells representing results]																																																								
13	KHI-Gaddap-Sohrab Goth	25	10	10	[Grid with colored cells representing results]																																																								
BALDIA																																																													
14	KHI-Baldia-Sajjan Goth	25	4		[Grid with colored cells representing results]																																																								
15	KHI-Baldia-Composite	25	7	1	[Grid with colored cells representing results]																																																								
SUKKUR																																																													
16	SUK-Miani P.Station-Sukkur city	9		4	[Grid with colored cells representing results]																																																								
17	SUK-Makka P.Station-N.Sukkur	9		3	[Grid with colored cells representing results]																																																								
HYDERABAD																																																													
18	HYD-Tulsidas P. Station	7		6	1	[Grid with colored cells representing results]																																																							
Khyber Pakhtunkhwa						50	19	20	1																																																				
PESHAWAR																																																													
19	PWR-Shaheen Town, ST-1	25	11	11	1	[Grid with colored cells representing results]																																																							
20	PWR-Lara Ma, LM-1	25	8	9	[Grid with colored cells representing results]																																																								
Balochistan						54	20	4	0																																																				
QUETTA																																																													
21	Quetta-Jattak Killi, JT-1	24	11	2	[Grid with colored cells representing results]																																																								
22	Quetta-Jam-e-Salfia, JS-1	25	9	2	[Grid with colored cells representing results]																																																								
23	Quetta-Surpul, SP-1	5			[Grid with colored cells representing results]																																																								
Pakistan						464	136	88	3																																																				

- Wild poliovirus type 1 (WPV1)
- Wild poliovirus type 3 (WPV3)
- Mixture WPV1 & WPV3
- No WPV Isolated
- Under process
- X Scheduled sampling, sample not collected
- No sampling scheduled

SUMMARY

Total Sites = 23

Total Samples Collected (2011-2012-2013) = 478

Total Samples with results available = 462

Total samples positive for Wild PV (2011-2012-2013) = **227** (136+88 + 03) (WPV1= 227)

Comparison environmental sampling results 2011-2012

District/ Town	2011 [^]			2012*			Last Isolate
	Total	Wild		Total	Wild		
Lahore	36	19	53%	36	18	50%	20-Nov-12
Multan	37	21	57%	36	4	11%	18-Jun-12
Rawalpindi	12	11	92%	12	7	58%	24-Oct-12
Faisalabad	Sampling Started 2012			8	1	13%	03-Oct-12
G IQbal	24	14	58%	23	4	17%	04-Oct-12
Gadap	24	21	88%	23	16	65%	20-Nov-12
Baldia	24	11	46%	24	1	4%	10-Jul-12
Sukkur	Sampling Started 2012			16	7	44%	05-Sep-12
Hyderabad				6	6	100%	06-Dec-12
Peshawar	24	19	79%	24	20	83%	26-Dec-12
Quetta	24	20	83%	28	4	14%	28-Dec-12
Total	205	136	66%	236	88	37%	06-Dec-12

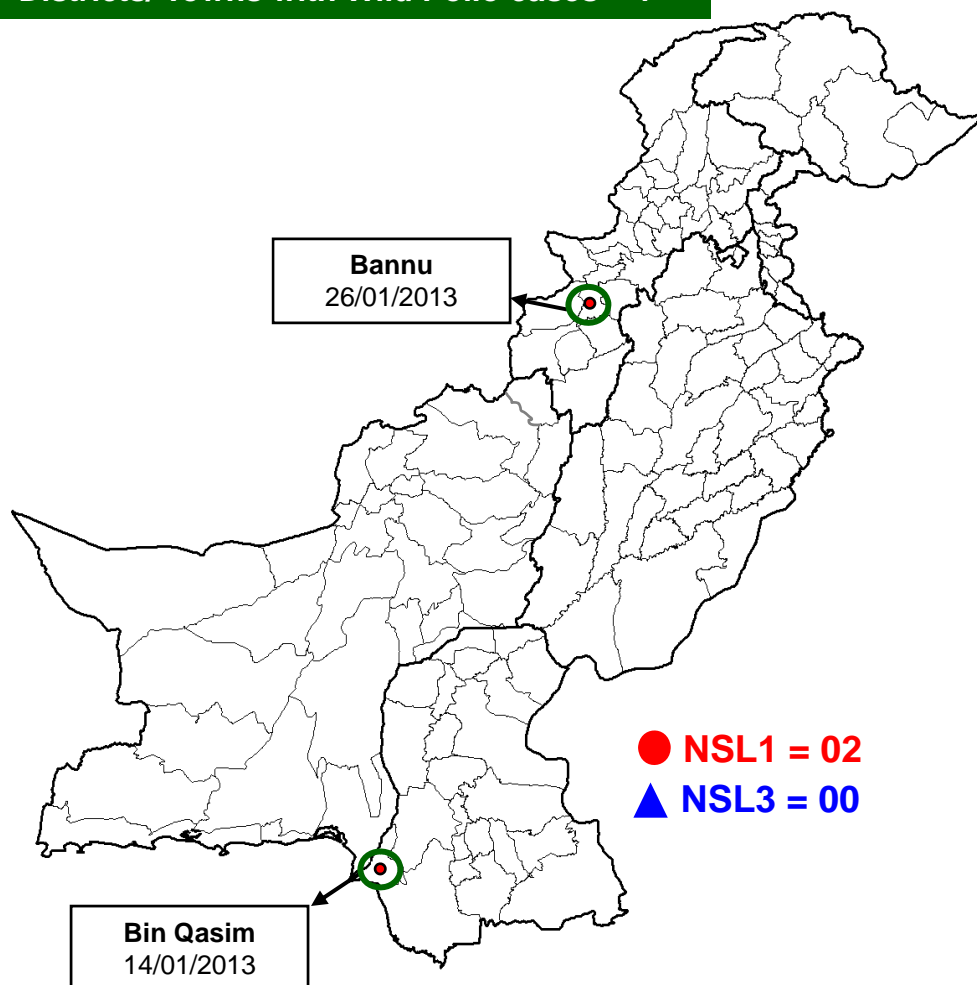
3 positive isolates reported from Faisalabad, Peshawar & Hyderabad for 2013

*Samples for which results are available


Data source Polio RRL

Map1: Distribution of Wild Polio cases Pakistan 2013*

Districts/ Towns with Wild Polio cases = 1



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	May 2012	Jun, 2010	-	-
SINDH	Jan, 2013	Jan, 2010	1	-
KHYBER- PAKHTOONKHAW	Jan, 2013	Oct, 2010	1	-
FATA	Nov, 2012	Apr, 2012	-	-
BALUCHISTAN	Oct, 2012	Apr, 2010	-	-
AJK	-	Jun, 2000	-	-
GILGIT-BALTISTAN	Aug, 2012	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
PAKISTAN	Jan, 2013	Apr, 2012	2	-

 District with last polio case in province

Cases randomly placed
in districts

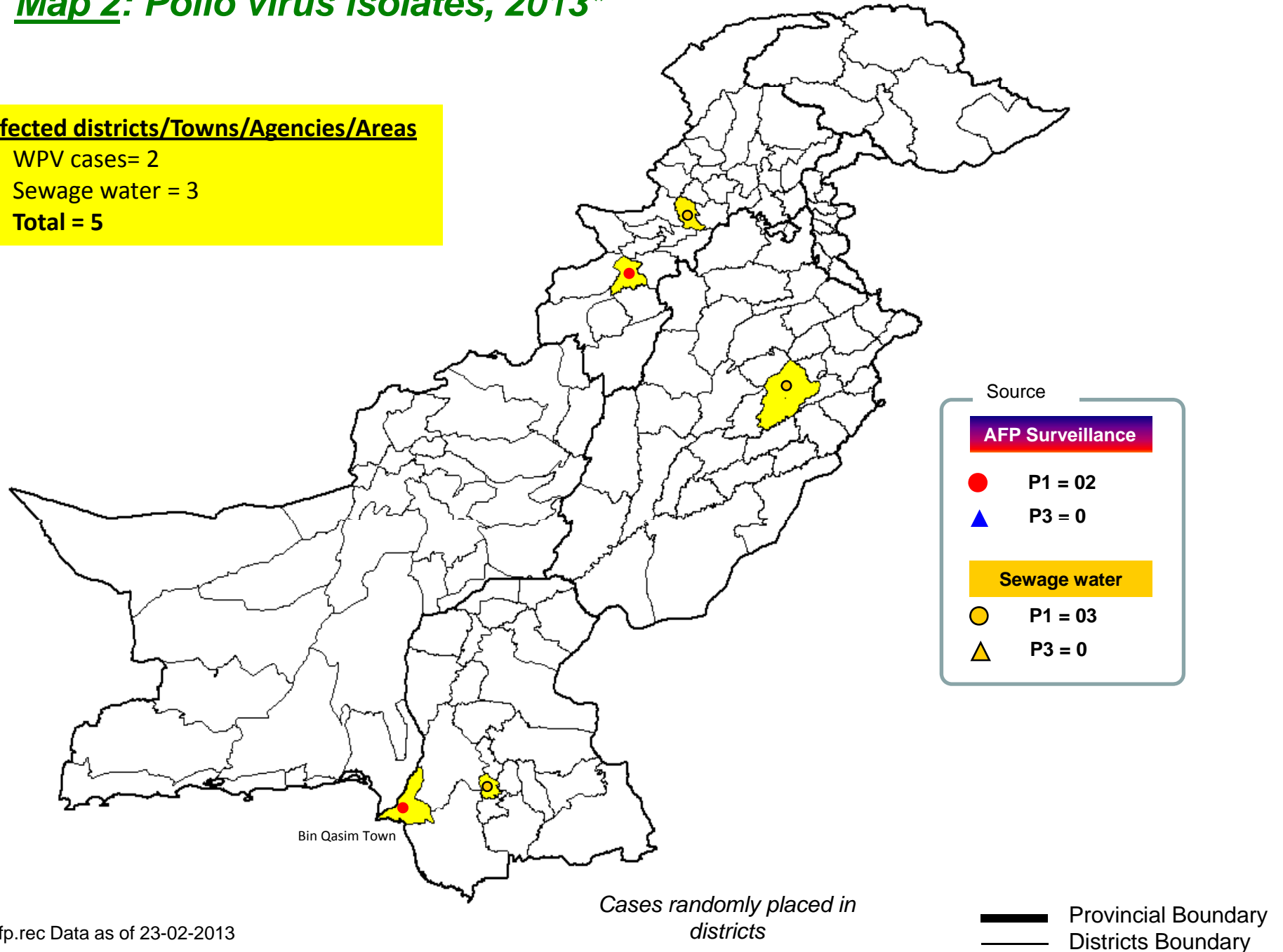
 Provincial Boundary
 Districts Boundary

* Afp.rec Data as of 23-02-2013

Map 2: Polio virus isolates, 2013*

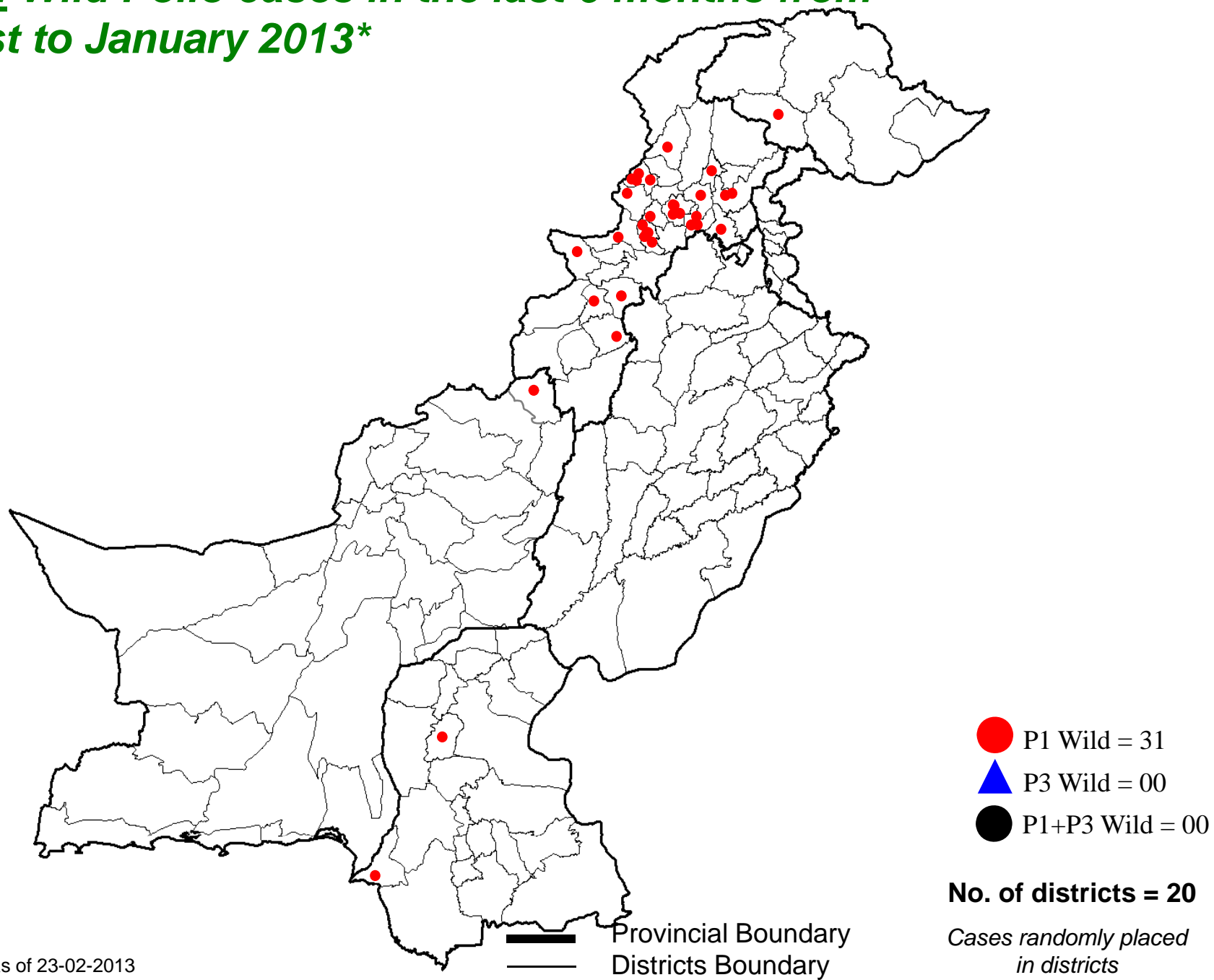
Infected districts/Towns/Agencies/Areas

- WPV cases= 2
- Sewage water = 3
- Total = 5**



* Afp.rec Data as of 23-02-2013

Map 3: Wild Polio cases in the last 6 months from August to January 2013*



* Afp.rec Data as of 23-02-2013

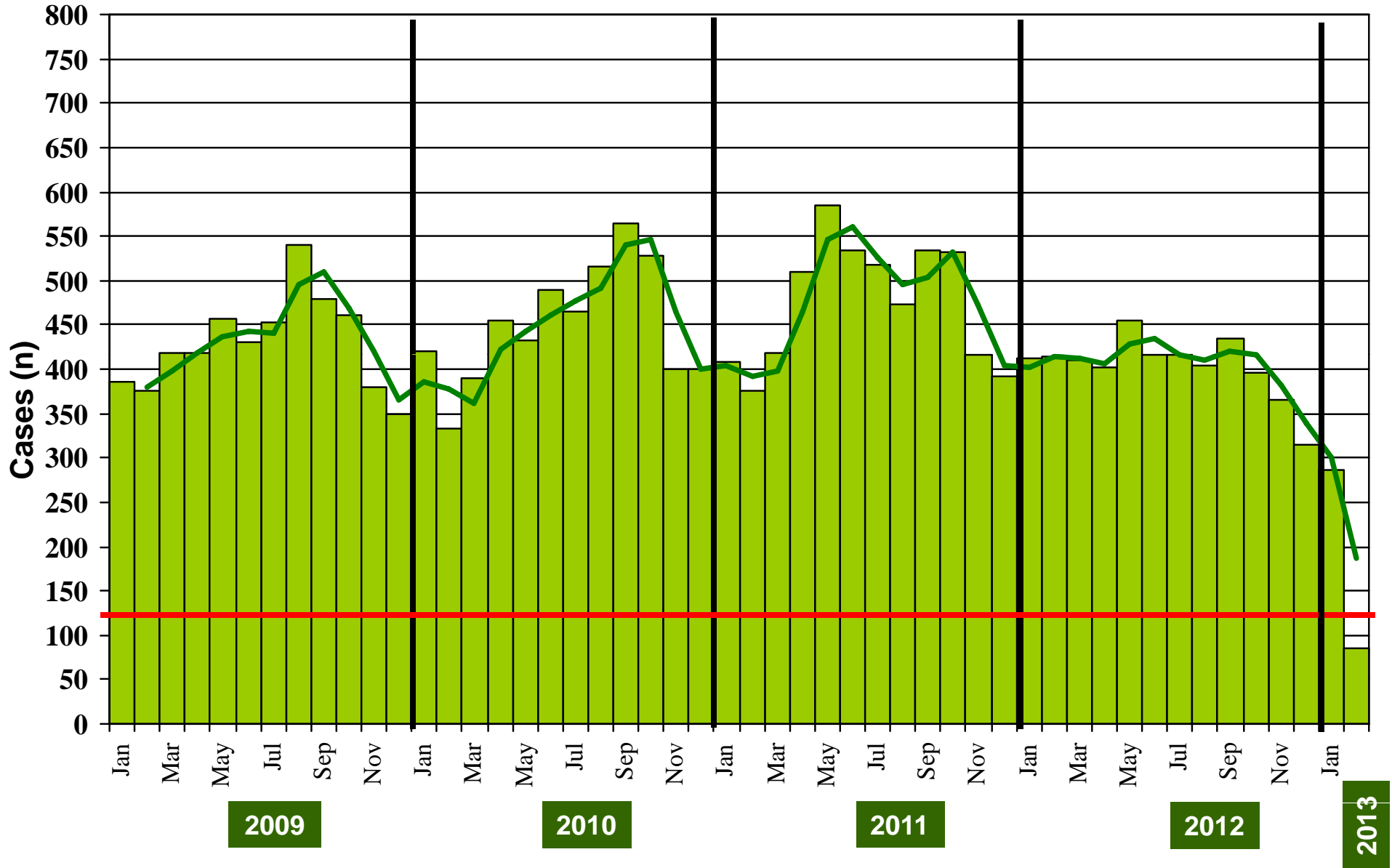
**Table 5: Distribution of AFP Cases By Week of Onset ^
Pakistan 2012-2013* [Week number/Ending on]**

PROVINCE	W 45 10 Nov 2012	W 46 17 Nov 2012	W 47 24 Nov 2012	W 48 01 Dec 2012	W 49 08 Dec 2012	W 50 15 Dec 2012	W 51 22 Dec 2012	W 52 29 Dec 2012	W 1 05 Jan 2013	W 2 12 Jan 2013	W 3 19 Jan 2013	W 4 26 Jan 2013	W 5 02 Feb 2013	W 6 09 Feb 2013	W 7 16 Feb 2013
PUNJAB	34	36	45	47	33	41	58	32	34	35	41	34	31	34	8
SINDH	27	28	21	19	19	27	15	15	12	15	15	15	9	11	2
KP	12	20	21	20	12	15	10	11	21	12	11	16	12	7	7
FATA	5	5	1	3	2	1	1	0	3	0	1	0	1	0	1
BALUCHISTAN	4	6	4	3	4	3	3	0	2	3	1	1	3	2	1
AJK	0	1	0	1	0	0	0	0	0	1	3	2	0	0	0
GILGIT/ BILTISTAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAMABAD	0	0	0	1	0	0	1	0	0	0	1	1	0	1	1
PAKISTAN	83	96	92	94	70	87	88	58	72	66	73	69	56	55	20

* Afp.rec & Afplab.rec: Data as of 23-02-2013

^ MMWR Epidemiological Weeks

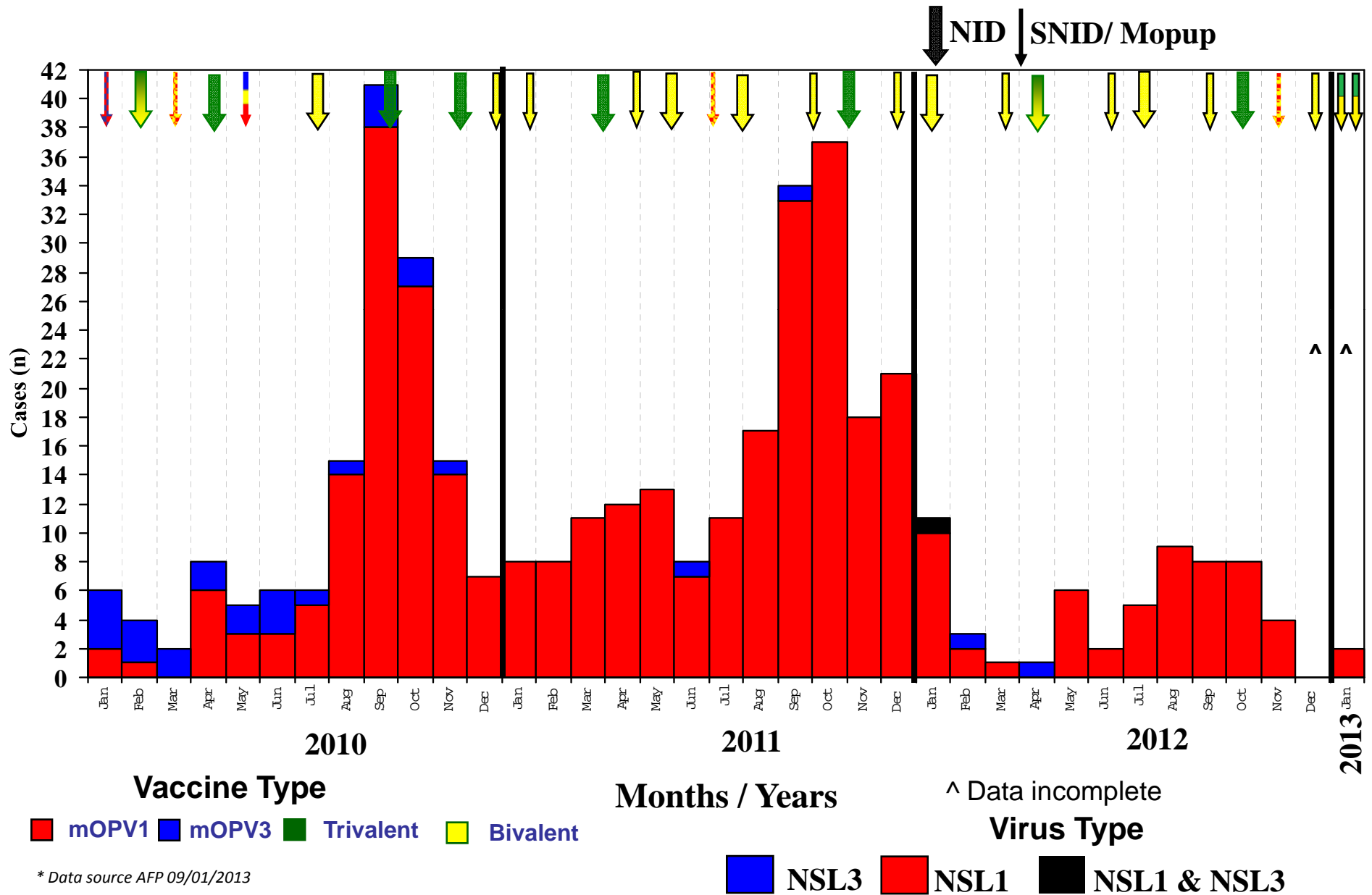
Graph 1: Distribution of AFP Cases by Month, Pakistan 2009-2013*



@ Non-polio AFP rate of 2/100,000 children < 15 years

*Afp.rec Data as of 23-02-2013

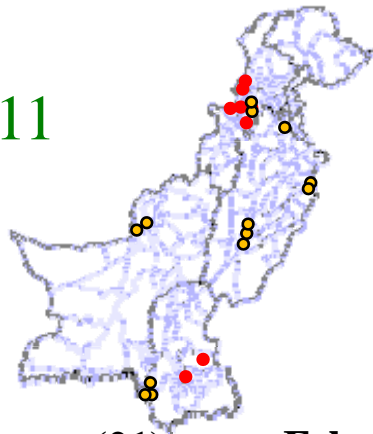
Confirmed Polio Cases By Poliovirus Type, 2010-2013*



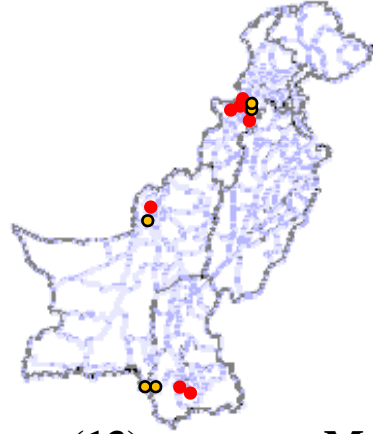
* Data source AFP 09/01/2013

Map 4: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2011-2013*

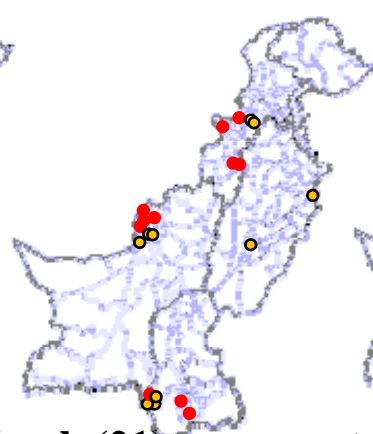
2011



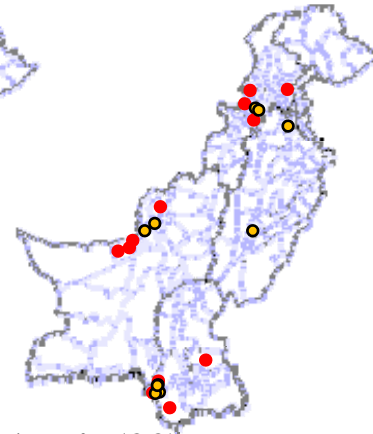
January (21)



February (13)



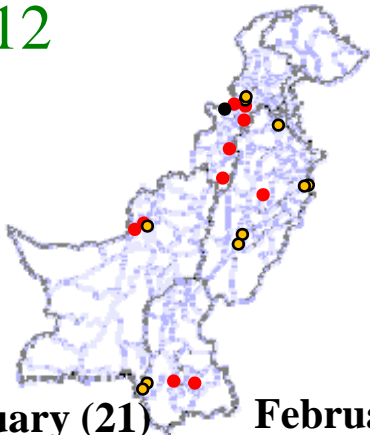
March (21)



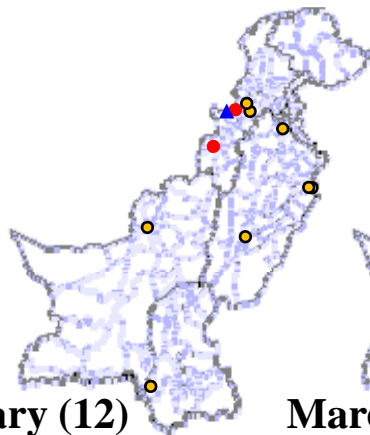
April (22)

— Provincial Boundary
— Districts Boundary

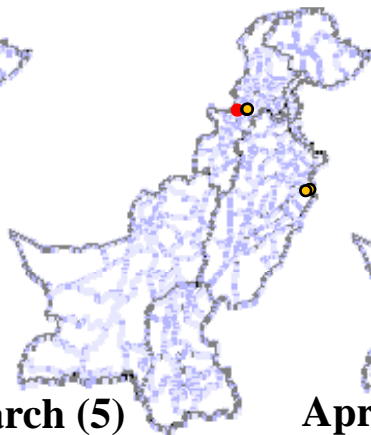
2012



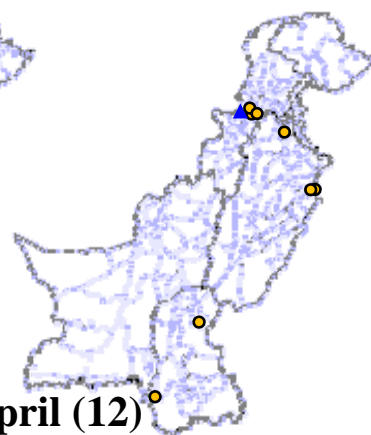
January (21)



February (12)



March (5)



April (12)

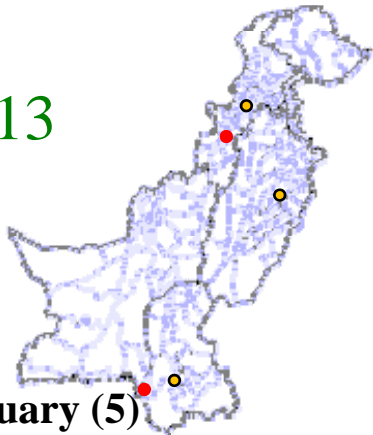
AFP Surveillance

- P1
- ▲ P3
- P1+P3

Sewage water

- P1
- ▲ P3
- ⬡ Mixture P1 & 3

2013



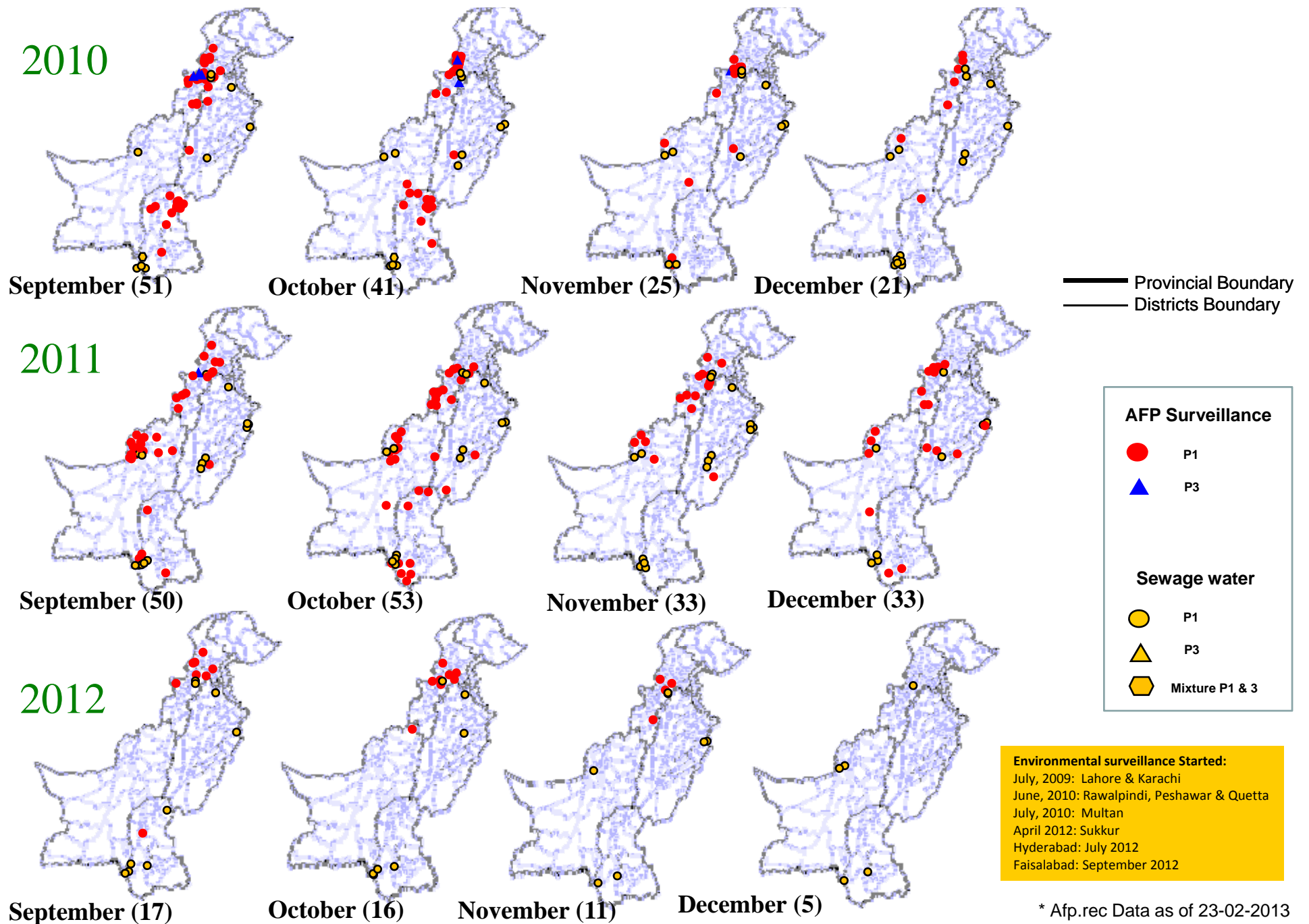
January (5)

Environmental surveillance Started:

July, 2009: Lahore & Karachi
 June, 2010: Rawalpindi, Peshawar & Quetta
 July, 2010: Multan
 April 2012: Sukkur
 Hyderabad: July 2012
 Faisalabad: September 2012

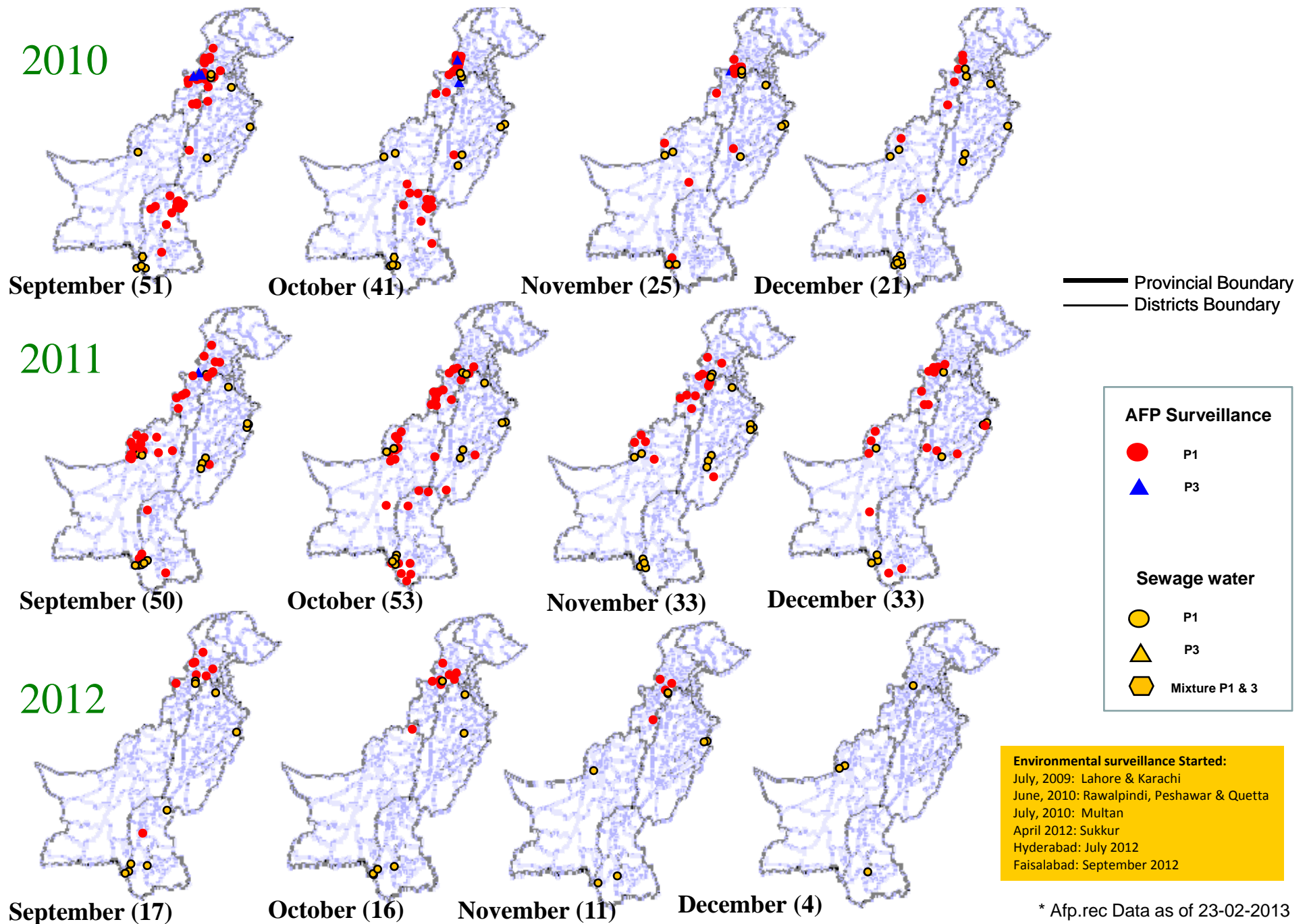
* Afp.rec Data as of 23-02-2013

Map 4.2: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2010-2012*



* Afp.rec Data as of 23-02-2013

Map 4.2: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2010-2012*

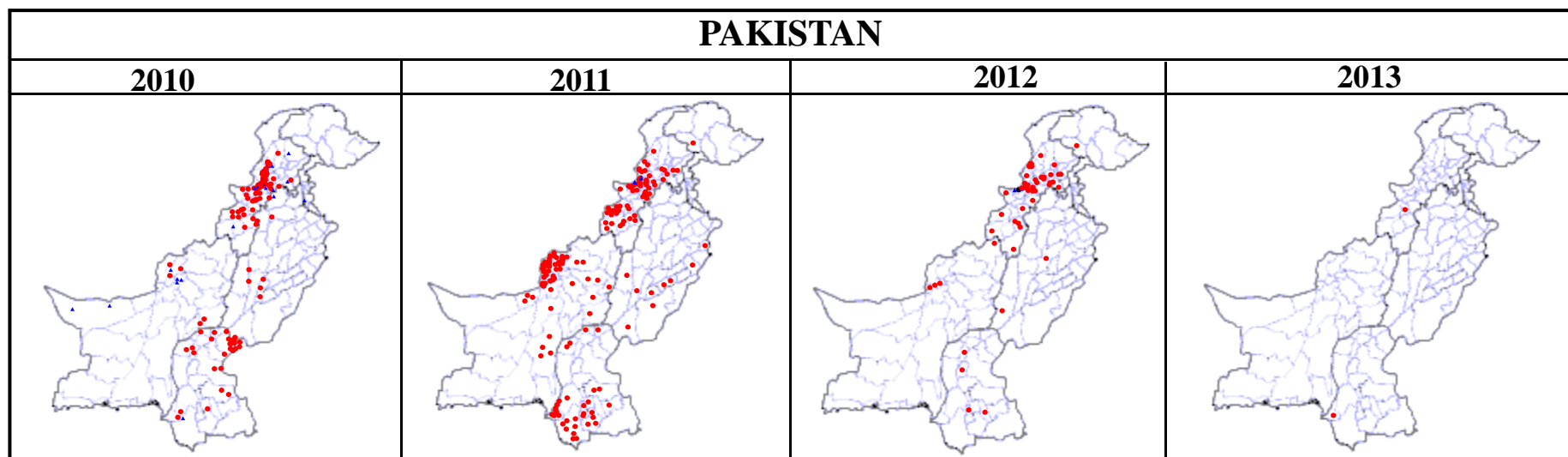


* Afp.rec Data as of 23-02-2013

Table 6: Polio Eradication Update, Pakistan 2010-2013*

Province/Region	Polio 1				Polio 3				Total Wild			
	2010	2011	2012	2013	2010	2011	2012	2013	2010	2011	2012	2013
PUNJAB	6	9	2	-	1	0	-	-	7	9	2	-
SINDH	26	33	4	1	1	0	-	-	27	33	4	1
KP	19	23	27	1	5	0	-	-	24	23	27	1
FATA^	63	57	17	-	11	2	2	-	74	59	20^	-
BALUCHISTAN	6	73	4	-	6	0	-	-	12	73	4	-
AJK	0	0	-	-	0	0	-	-	0	0	-	-
Gilgit-Baltistan	0	1	1	-	0	0	-	-	0	1	1	-
ISLAMABAD	0	0	-	-	0	0	-	-	0	0	-	-
PAKISTAN	120	196	55	2	24	2	2	-	144	198	58	2

^ FATA reported mixture of NSL1 & NSL3



* Afp.rec Data as of 23-02-2013

Table 7: Vaccination status of non polio AFP cases age 6-59 months 2009-2012*

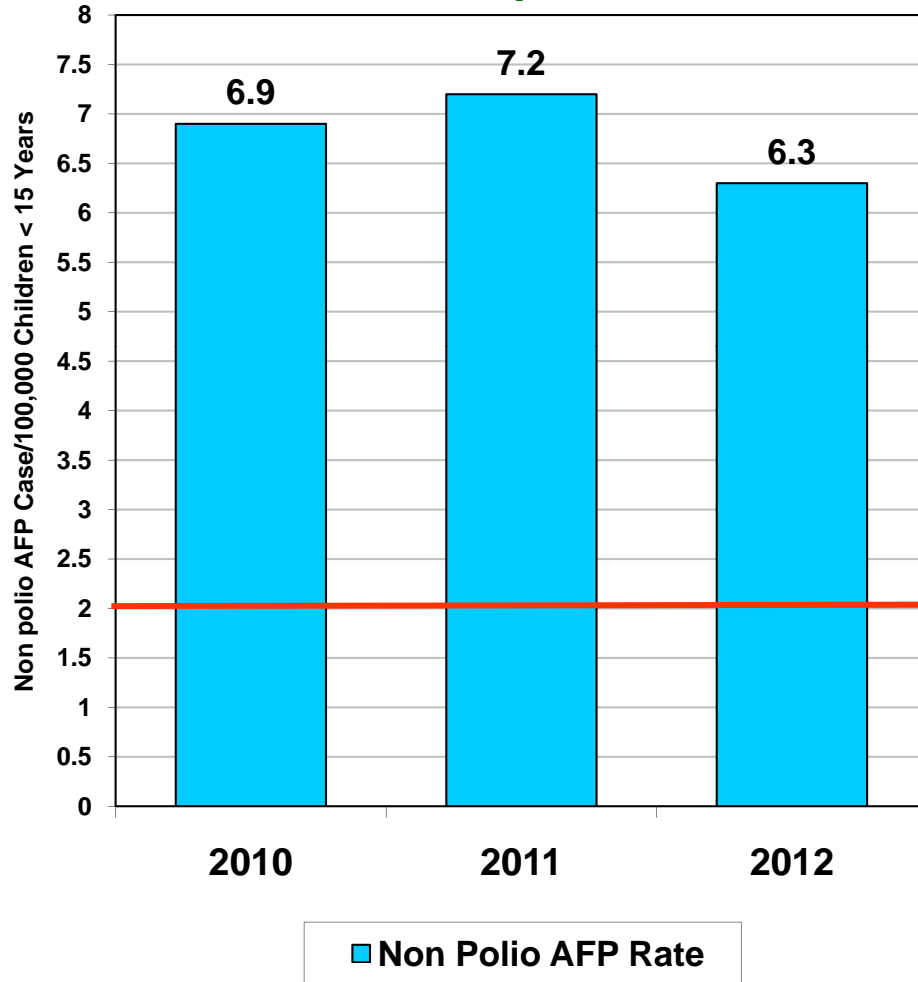
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	09	10	11	12	09	10	11	12	09	10	11	12	09	10	11	12	09	10	11	12
Central Punjab	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%	2%	1%	6%	7%	6%	5%	93%	91%	92%	97%
North Punjab	0%	0%	0%	1%	0%	0%	1%	0%	0%	2%	1%	0%	5%	6%	5%	9%	94%	91%	93%	93%
South Punjab	0%	0%	0%	0%	0%	1%	0%	0%	1%	0%	1%	0%	6%	5%	5%	4%	93%	94%	93%	98%
PUNJAB	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%	1%	1%	6%	6%	5%	5%	93%	92%	93%	96%
Karachi	1%	2%	4%	2%	1%	0%	1%	0%	2%	3%	0%	2%	5%	7%	6%	8%	90%	88%	88%	93%
North Sindh	0%	0%	0%	0%	0%	1%	1%	0%	2%	0%	0%	0%	6%	4%	5%	6%	92%	95%	94%	96%
South Sindh	0%	0%	1%	0%	1%	1%	1%	1%	2%	1%	0%	2%	7%	9%	6%	2%	91%	89%	93%	97%
SINDH	0%	1%	1%	1%	0%	1%	1%	0%	2%	1%	0%	1%	6%	7%	6%	5%	91%	91%	92%	96%
Central Khyber Pakhtunkhwa	1%	1%	1%	2%	0%	0%	1%	0%	1%	1%	0%	0%	2%	2%	3%	2%	96%	97%	95%	97%
North Khyber Pakhtunkhwa	6%	2%	1%	0%	5%	1%	2%	2%	4%	2%	1%	2%	8%	6%	7%	7%	77%	89%	90%	91%
South Khyber Pakhtunkhwa	2%	3%	2%	0%	0%	3%	4%	0%	1%	3%	4%	5%	12%	14%	7%	14%	85%	76%	83%	85%
Khyber Pakhtunkhwa	3%	1%	1%	1%	2%	1%	2%	1%	2%	2%	1%	2%	6%	6%	5%	5%	87%	90%	91%	92%
FATA	4%	14%	14%	19%	9%	11%	10%	11%	3%	6%	5%	0%	8%	18%	11%	7%	76%	51%	61%	66%
North Balochistan	17%	12%	4%	25%	7%	0%	12%	0%	3%	4%	23%	25%	3%	12%	12%	0%	69%	72%	50%	56%
Quetta Block	8%	0%	31%	7%	15%	11%	10%	7%	3%	0%	3%	0%	3%	9%	14%	7%	73%	81%	43%	84%
Rest of Balochistan	1%	6%	7%	6%	5%	2%	2%	6%	5%	2%	5%	0%	11%	11%	10%	16%	78%	78%	76%	72%
BALUCHISTAN	5%	5%	16%	8%	8%	4%	6%	6%	4%	2%	6%	2%	8%	11%	12%	12%	75%	78%	60%	75%
PAKISTAN	1%	1%	2%	1%	1%	1%	1%	1%	2%	1%	1%	1%	6%	7%	6%	5%	90%	89%	89%	93%

* Afp.rec Data as of 23-02-2013

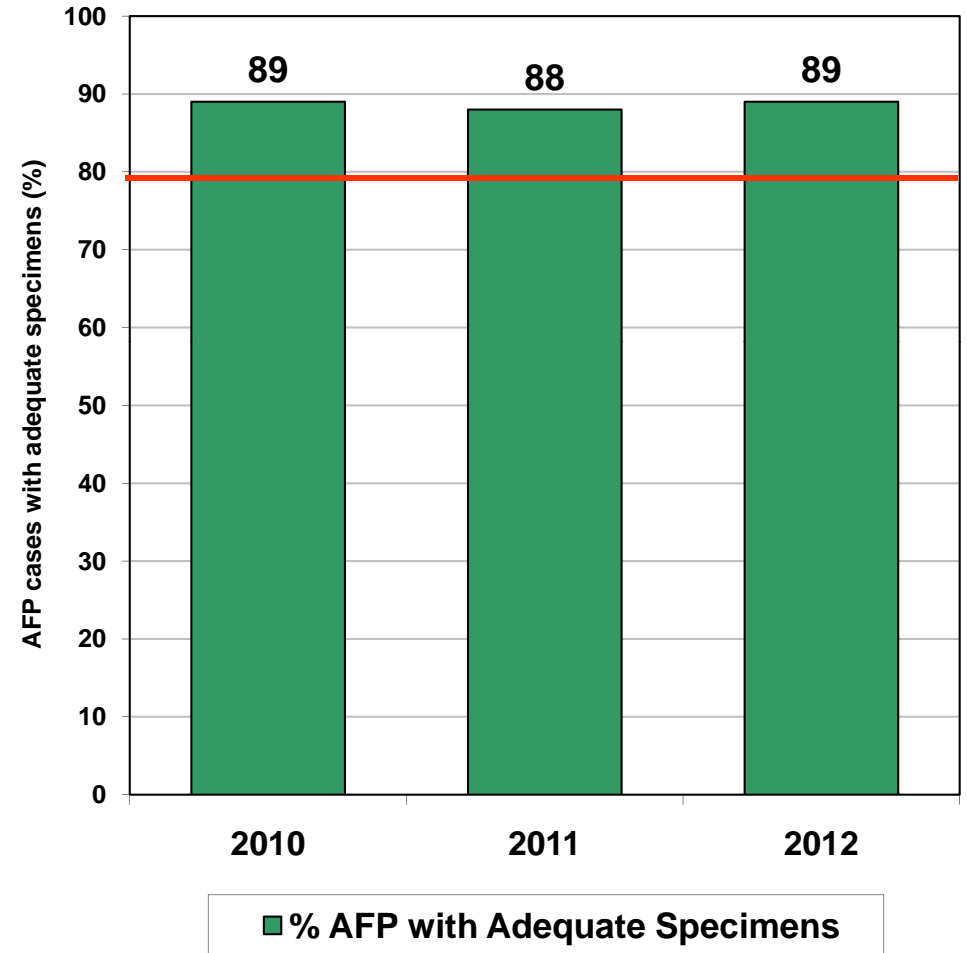
Key Surveillance Indicators; 2010-2012*

(Non polio AFP rate and % AFP cases with adequate specimens)

Graph 3



Graph 4

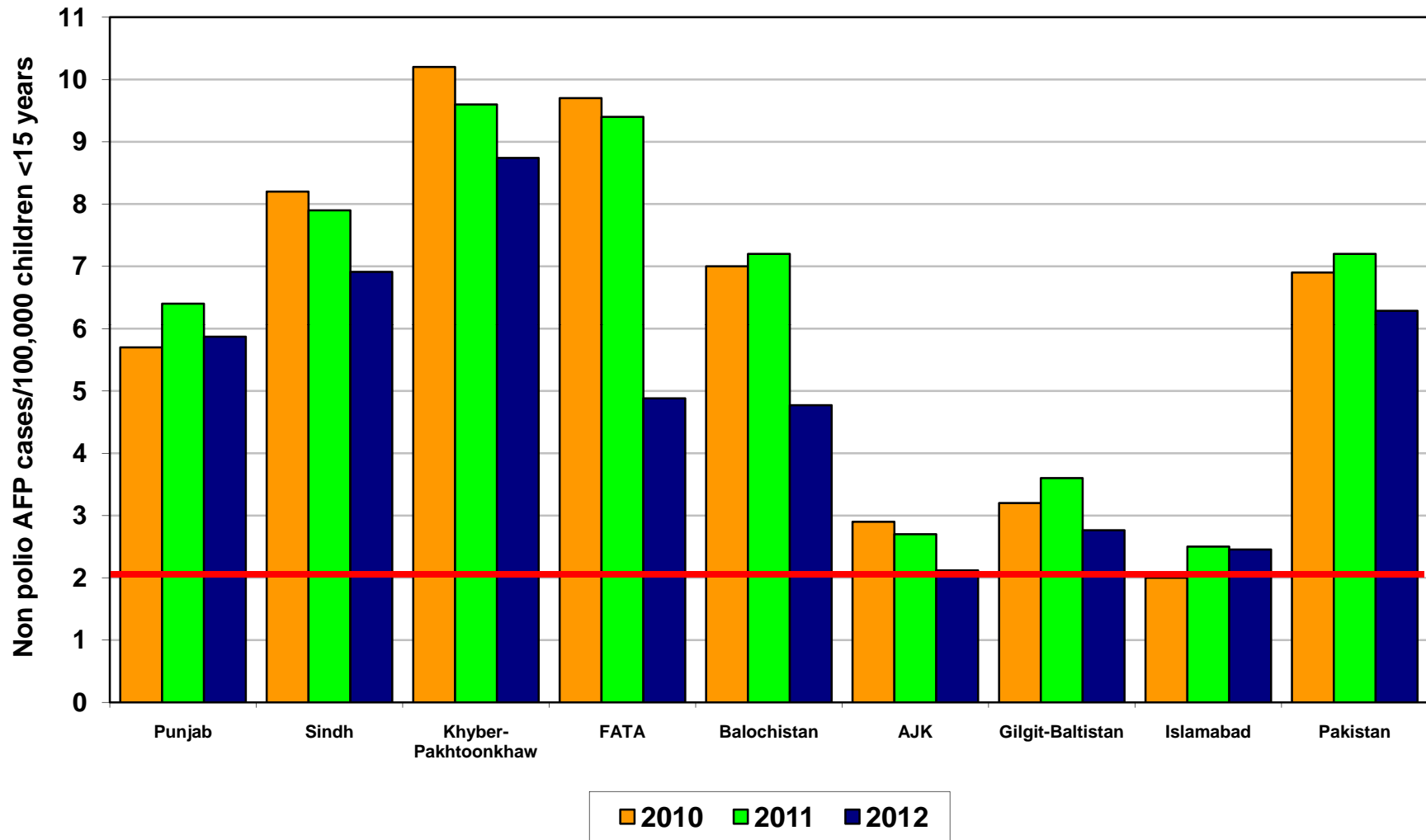


Non Polio AFP rate Up to Week No. 52 ended on 29TH December, 2012

 Target

* Afp.rec Data as of 23-02-2013

Graph 3.1 :Non Polio AFP Rate By Province/Regions, 2010-2012*

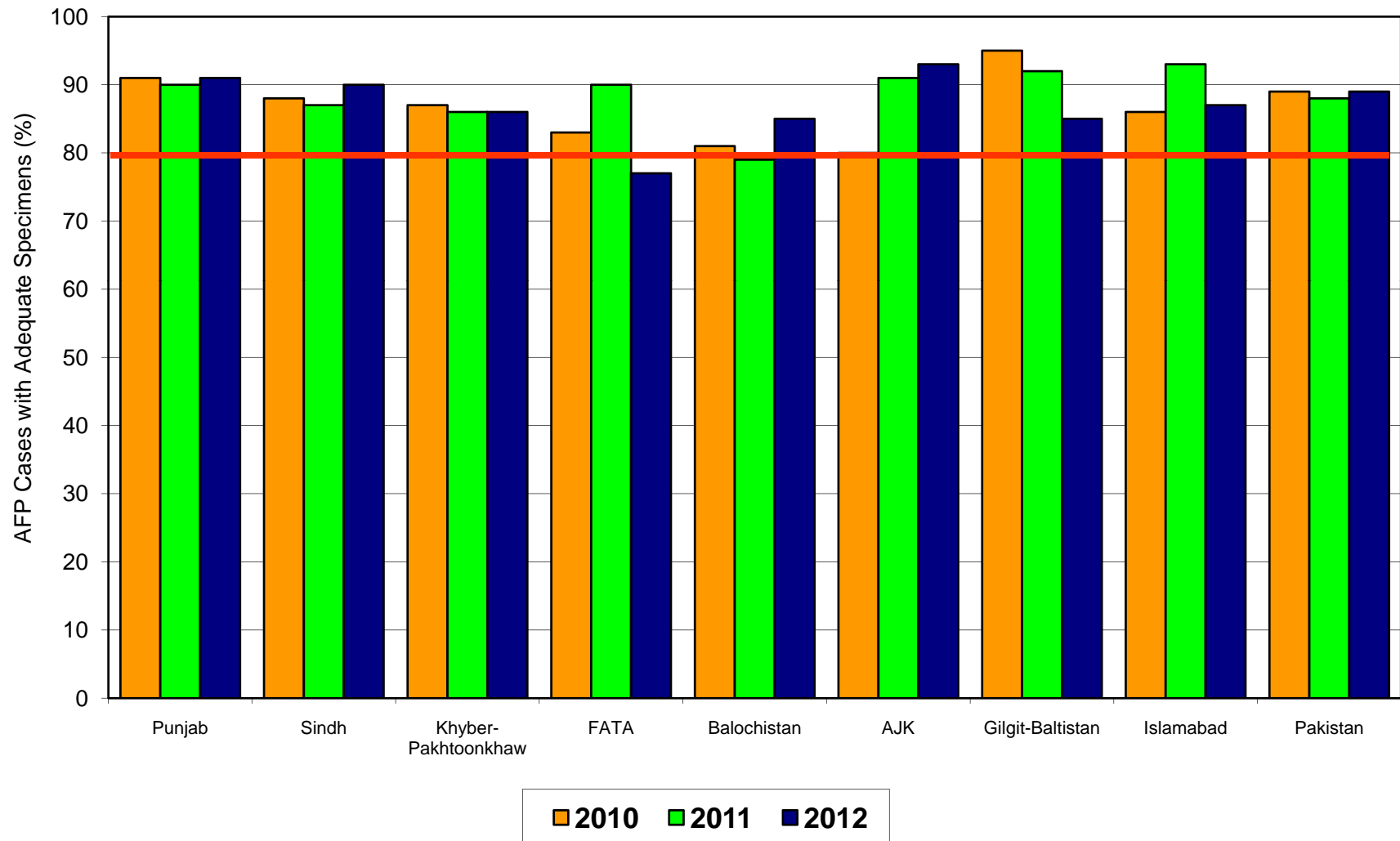


Non Polio AFP rate Up to Week No. 52 ended on 29TH December, 2012

Target Non-Polio AFP Rate 2/ 100000 < 15 years of the age

* Afp.rec Data as of 23-02-2013

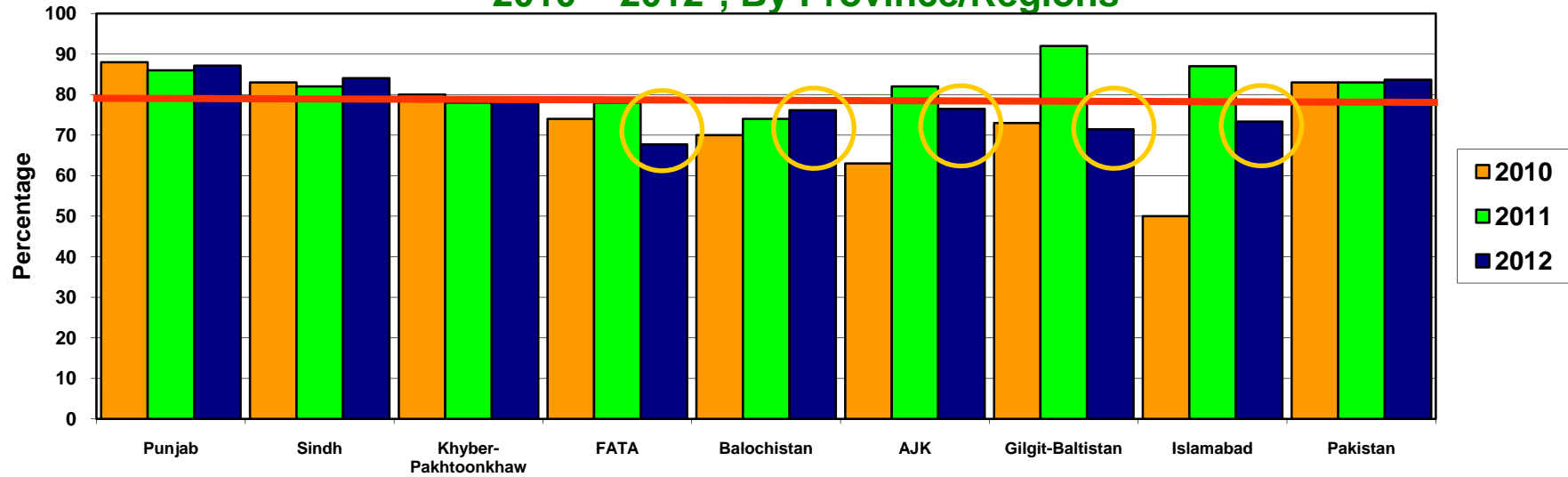
Graph 4.1: Percent AFP Cases with Adequate Specimens By Province/Regions, 2010-2012*



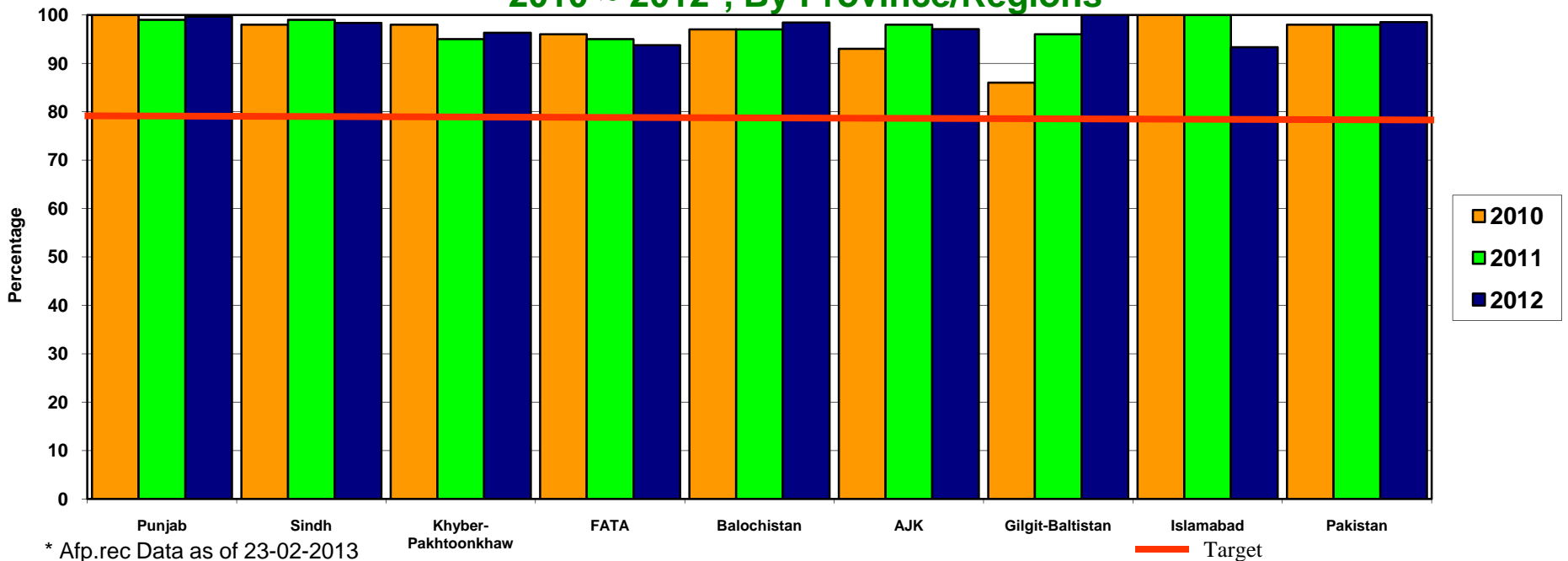
* Afp.rec Data as of 23-02-2013

■ Target Adequate Sample cases = 80%

**Graph 5: Percent AFP Cases Notified within 07 days of paralysis onset
2010 ~ 2012*, By Province/Regions**



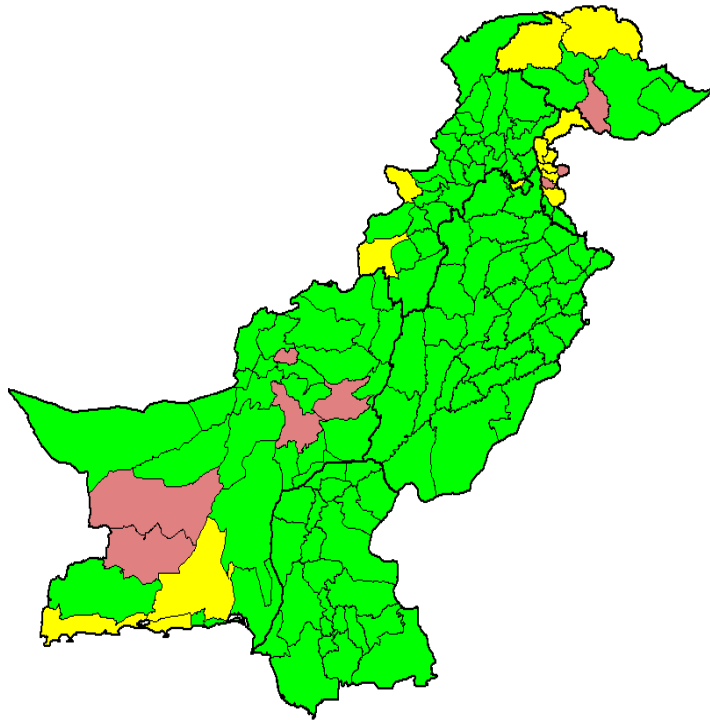
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2010 ~ 2012*, By Province/Regions**



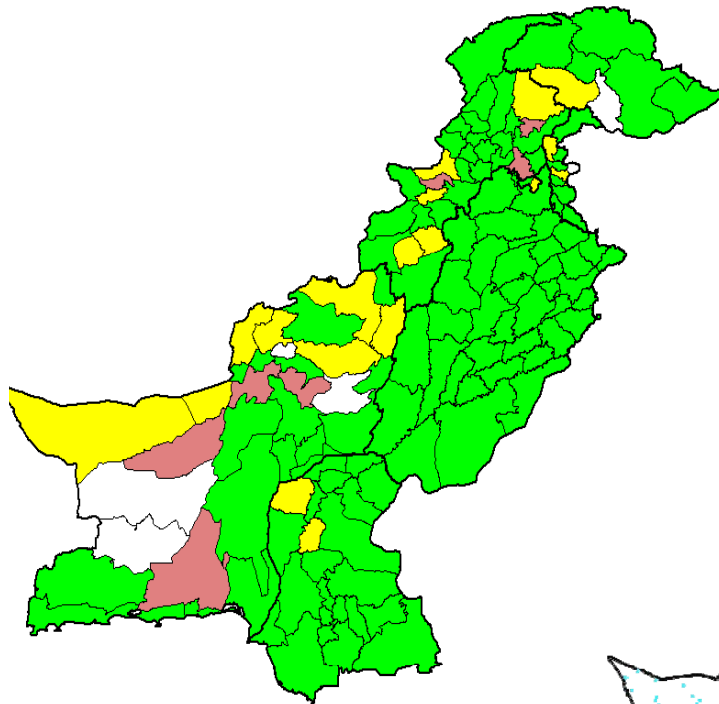
* Afp.rec Data as of 23-02-2013

— Target

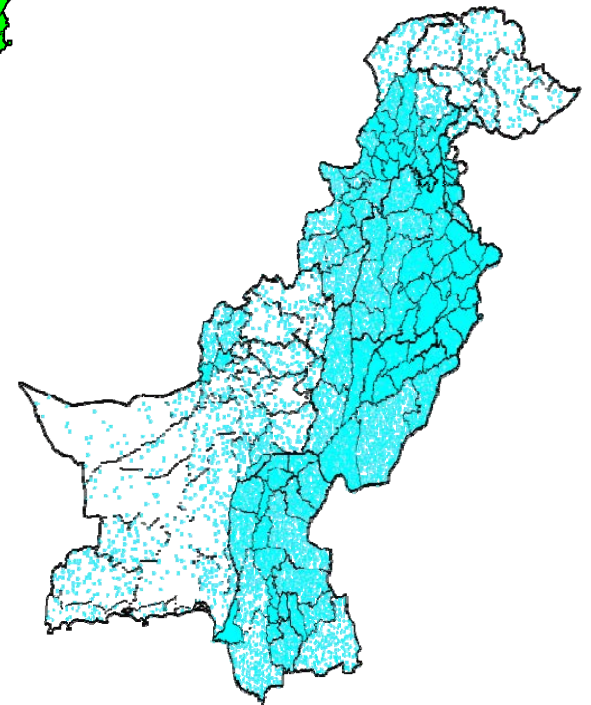
Map 5: Non-Polio AFP Rate by District 2012*



Map 6: Percent AFP Cases with Adequate Specimens, By District – 2012*



Map 7: Population density



0.00 - 0.99
1 - 1.99
≥ 2

0% - 59 %
60% - 79%
≥ 80 %
No AFP Case reported

Non Polio AFP rate Up to Week No. 52 ended on 29TH December, 2012

* Afp.rec Data as of 23-02-2013

● 2000 children under 15 years of age

Table 8.1: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS* 2012 (1/3)

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	BAHWLNAGAR	BAHAWALNAGAR	PB/73/12/064	F	48	11/12/2012	7+				N	Y	Y	Y	101
2	FAISALABAD	FAISALABAD CITY	PB/51/12/121	M	36	11/16/2012	7+	12/6/2012	12/7/2012	NVI	Y	Y	Y	Y	97
3	LAYYAH	KAROR LAL ESAN	PB/84/12/039	M	168	7/13/2012	7+				Y	Y	Y	Y	223
4	MUZFARGARH	KOT ADDU	PB/83/12/125	F	167	10/22/2012	0	12/11/2012	12/12/2012	NVI	N	Y	Y	Y	122
5	MUZFARGARH	MUZFARGARH	PB/83/12/128	M	3	11/15/2012	4	12/20/2012	12/21/2012	NVI	Y	N	Y	Y	98
6	DADU	JOHI	SD/24/12/019	M	99	7/30/2012	7+	8/13/2012	8/14/2012	NVI	Y	Y	Y	Y	206
7	DADU	JOHI	SD/24/12/021	M	48	7/25/2012	7+	8/26/2012	8/27/2012	NVI	Y	N	Y	Y	211
8	HYDERABAD	HYDERABAD RURAL	SD/21/12/027	F	7	3/29/2012	3	5/22/2012	5/24/2012	VACC	Y	Y	Y	Y	329
9	HYDERABAD	HYDERABAD RURAL	SD/21/12/033	F	24	6/6/2012	7+	7/3/2012	7/4/2012	EV	Y	Y	Y	Y	260
10	JACOBABAD	JACOBABAD	SD/53/12/038	M	120	10/20/2012	7+	12/10/2012	12/12/2012	NVI	Y	Y	Y	Y	124
11	JACOBABAD	THUL	SD/53/12/041	F	36	11/15/2012	7+	1/1/2013	1/5/2013	NVI	Y	Y	Y	Y	98
12	KAMBAR	WARAH	SD/55/12/031	M	120	7/21/2012	7+				N	N	Y	DIED	215
13	KAMBAR	SHAHAD KOT	SD/55/12/034	M	36	7/30/2012	7+	8/20/2012	8/22/2012	NVI	Y	Y	Y	DIED	206
14	KAMBAR	KAMBAR	SD/55/12/047	M	18	10/30/2012	7+	11/7/2012		NVI	N	N	Y	DIED	114
15	KASHMORE	KANDHKOT	SD/54/12/025	F	48	9/12/2012	7+	11/5/2012	11/6/2012	NVI	N	Y	Y		162
16	KHIBALDIA	BALDIA	SD/61/12/010	F	24	6/2/2012	7+	6/27/2012	6/28/2012	NVI	Y	Y	Y	Y	264
17	KHIGADAP	GADAP	SD/63/12/014	F	34	11/4/2012	7+				Y	Y	Y	DIED	109
18	KHILAYARI	LAYARI	SD/71/12/008	F	82	7/26/2012	7+				N	N	N	Y	210
19	KHINNAZIM	N-NAZIMABAD	SD/74/12/010	F	18	11/13/2012	7+	12/14/2012	12/15/2012	EV	Y	N	Y	Y	100
20	LARKANA	RATODERO	SD/51/12/036	M	12	8/26/2012	7+	8/30/2012		NVI	Y	N	N	DIED	179
21	MATIARI	MATIARI	SD/28/12/013	M	72	7/24/2012	7+				N	Y	Y	DIED	212
22	MIRPURKHAS	KOT GHULAM MUHAMMAD	SD/31/12/037	M	120	8/25/2012	7+				Y	N	Y	DIED	180
23	NFEROZ	MORO	SD/45/12/014	M	120	7/12/2012	7+				N	Y	Y	DIED	224
24	SANGHAR	SANGHAR	SD/32/12/031	M	144	8/20/2012	7+	9/15/2012	9/16/2012	NVI	Y	N	Y	Y	185
25	SANGHAR	SANGHAR	SD/32/12/032	M	156	9/13/2012	7+	9/18/2012			Y	Y	Y	DIED	161
26	SANGHAR	SANGHAR	SD/32/12/041	M	30	11/20/2012	7+	11/29/2012			Y	Y	Y	DIED	93
27	SHIKARPUR	LAKHI	SD/52/12/034	M	22	8/5/2012	7+	9/18/2012	9/19/2012	EV	N	Y	Y	Y	200
28	THARPARKAR	NAGAR PARKAR	SD/33/12/026	M	20	6/26/2012	7+	7/11/2012	7/12/2012	NVI	Y	N	Y	Y	240
29	THARPARKAR	DIPLO	SD/33/12/038	M	84	7/24/2012	7+	9/15/2012	9/16/2012	NVI	N	N	Y	Y	212
30	THARPARKAR	MITHI	SD/33/12/042	M	36	10/28/2012	7+				N	N	Y	DIED	116
31	THATTA	MIRPUR SAKRO	SD/22/12/045	M	1	7/23/2012	1	8/12/2012	8/13/2012	NVI	N	N	Y	Y	213
32	THATTA	JATI	SD/22/12/049	M	62	8/25/2012	7+				Y	N	Y	DIED	180
33	UMERKOT	KUNRI	SD/34/12/032	M	120	9/5/2012	7+				Y	Y	N	Y	169
34	ABOTABAD	HAVALIAN	NW/10/12/014	F	30	5/6/2012	7+				Y	Y	Y		291
35	ABOTABAD	HAVALIAN	NW/10/12/022	M	48	7/3/2012	7+				Y	N	Y		233
36	ABOTABAD	ABBOTABAD	NW/10/12/025	M	96	7/18/2012	7+	8/17/2012	8/18/2012	NVI	N	N	Y		218
37	ABOTABAD	HAVALIAN	NW/10/12/034	M	89	9/20/2012	7+	10/13/2012	10/14/2012	NVI	Y	Y	Y		154
38	BATAGRAM	BATAGRAM	NW/11/12/013	F	54	6/22/2012	7+				Y	Y	Y	DIED	244
39	BATAGRAM	BATAGRAM	NW/11/12/011	M	24	6/14/2012	7+				N	Y	Y	DIED	252
40	BATAGRAM	BATAGRAM	NW/11/12/012	M	96	6/15/2012	7+				Y	N	Y	Y	251
41	BUNIR	DAGGAR	NW/22/12/011	F	18	4/2/2012	7+				Y	N	Y		325
42	BUNIR	DAGGAR	NW/22/12/004	F	54	2/8/2012	7+	2/29/2012	3/1/2012	NVI	Y	N	Y	Y	379
43	BUNIR	DAGGAR	NW/22/12/050	M	27	10/27/2012	7+	11/27/2012	11/28/2012	NVI	Y	Y	Y	Y	117
44	CHARSADA	SHABQADAR	NW/31/12/024	F	22	5/14/2012	7+	6/4/2012	6/5/2012	NVI	Y	Y	Y		283

€ Based on recall of parents

* Afp.rec Data as of 23-02-2013

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

Table 8.1: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS* 2012 (2/3)

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
45	CHARSADA	SHABQADAR	NW/31/12/032	F	11	6/2/2012	7+	7/18/2012	7/19/2012	NVI	Y	Y	Y		264
46	CHARSADA	CHARSADA	NW/31/12/030	F	144	5/9/2012	7+	7/10/2012	7/11/2012	NVI	Y	Y	Y		288
47	CHITRAL	CHITRAL	NW/21/12/005	M	216	6/12/2012	7+	6/26/2012	6/27/2012	NVI	Y	UK	UK		254
48	DIKHAN	PAHARPUR	NW/60/12/012	M	168	5/8/2012	7+	5/28/2012	5/31/2012	NVI	N	N	Y		289
49	DIRLOWER	TIMERGARA	NW/23/12/041	M	60	10/20/2012	7+	11/9/2012	11/10/2012	NVI	N	Y	Y	Y	124
50	DIRLOWER	SAMAR BAGH	NW/23/12/042	F	15	10/18/2012	7+	11/9/2012	11/10/2012	NVI	Y	Y	Y	Y	126
51	DIRLOWER	TIMERGARA	NW/23/12/040	M	23	10/26/2012	7+	11/2/2012		NVI	N	Y	Y	DIED	118
52	DIRUPPER	WARI	NW/25/12/016	F	18	5/13/2012	7+	6/3/2012	6/4/2012	EV	Y	Y	Y	Y	284
53	HANGU	HANGU	NW/54/12/009	F	24	4/27/2012	7+	5/25/2012	5/26/2012	EV	Y	N	Y	Y	300
54	HANGU	HANGU	NW/54/12/011	F	144	7/17/2012	7+	7/23/2012		EV	Y	N	Y		219
55	HANGU	HANGU	NW/54/12/014	M	90	11/15/2012	7+				Y	Y	Y		98
56	HARIPUR	HARIPUR	NW/12/12/006	F	14	5/9/2012	3				Y	N	Y		288
57	HARIPUR	HARIPUR	NW/12/12/018	F	36	9/13/2012	7+	10/15/2012	10/17/2012	NVI	Y	Y	Y		161
58	HARIPUR	HARIPUR	NW/12/12/014	M	44	8/4/2012	7+	9/12/2012	9/13/2012	NVI	N	N	Y		201
59	HARIPUR	GHAZI	NW/12/12/019	F	6	10/2/2012	7+	10/16/2012	10/18/2012	EV	N	Y	Y		142
60	HARIPUR	HARIPUR	NW/12/12/022	M	26	11/18/2012	7+	12/19/2012	12/20/2012	VACC	Y	N	Y		95
61	HARIPUR	HARIPUR	NW/12/12/021	F	24	10/17/2012	7+	11/8/2012	11/9/2012	NVI	Y	Y	Y		127
62	KARAK	TAKHT E NASRATI	NW/51/12/011	M	42	7/1/2012	7+	7/27/2012	7/28/2012	NVI	Y	Y	Y	Y	235
63	KARAK	BANDA DAUD SHAH	NW/51/12/020	M	27	9/4/2012	7+	9/30/2012	10/1/2012	EV	Y	Y	Y	Y	170
64	KARAK	KARAK	NW/51/12/010	F	8	7/13/2012	7+	7/13/2012		NVI	N	N	Y	Y	223
65	KHYBER	BARA	NW/34/12/007	M	12	2/3/2012	7+	2/22/2012	2/23/2012	NVI	N	Y	Y	Y	384
66	KHYBER	TIRAH	NW/34/12/015	M	19	3/7/2012	0	3/28/2012	3/29/2012	NVI	Y	Y	Y	Y	351
67	KHYBER	BARA	NW/34/12/020	F	22	3/18/2012	0				Y	Y	Y		340
68	KHYBER	BARA	NW/34/12/023	M	9	3/9/2012	5				Y	Y	UK	Y	349
69	KHYBER	BARA	NW/34/12/029	M	9	8/20/2012	3	9/5/2012	9/6/2012	EV	Y	Y	UK		185
70	KHYBER	BARA	NW/34/12/028	M	156	8/9/2012	0	8/24/2012	8/26/2012	NVI	Y	N	Y		196
71	KHYBER	BARA	NW/34/12/033	M	11	6/1/2012	0				Y	Y	Y	Y	265
72	KHYBER	BARA	NW/34/12/036	M	6	10/22/2012	0	11/4/2012	11/6/2012	VACC	Y	Y	Y		122
73	KHYBER	JAMRUD	NW/34/12/035	F	72	10/28/2012	7+	10/31/2012	11/20/2012	NVI	Y	N	Y		116
74	KHYBER	BARA	NW/34/12/038	F	24	11/8/2012	0	11/29/2012		NVI	Y	Y	Y		105
75	KHYBER	BARA	NW/34/12/041	M	18	10/27/2012	7+	12/7/2012	12/9/2012	EV	Y	Y	Y		117
76	KHYBER	JAMRUD	NW/34/12/039	F	15	11/2/2012	0	12/8/2012	12/10/2012	NVI	UK	Y	UK		111
77	KOHAT	KOHAT	NW/50/12/009	M	10	2/10/2012	6	3/23/2012	3/24/2012	NVI	Y	Y	Y	Y	377
78	KOHAT	LACHI	NW/50/12/030	F	137	10/25/2012	7+	11/13/2012	11/14/2012	NVI	Y	Y	Y		119
79	KOHISTAN	PATTAN	NW/13/12/006	F	96	6/16/2012	7+				Y	N	Y		250
80	KOHISTAN	DASSU	NW/13/12/003	F	31	1/17/2012	4				Y	Y	Y		401
81	KURRAM	LOWER KURRAM	NW/52/12/006	F	24	1/18/2012	2	2/18/2012	2/19/2012	NVI	N	Y	Y	Y	400
82	LAKKIMRWT	LAKKIMRWT	NW/62/12/016	M	72	4/9/2012	7+	5/4/2012	5/6/2012	NVI	Y	N	Y	Y	318
83	LAKKIMRWT	LAKKIMRWT	NW/62/12/022	F	7	5/12/2012	6	6/6/2012	6/7/2012	NVI	Y	Y	Y	Y	285
84	LAKKIMRWT	LAKKIMRWT	NW/62/12/006	M	18	1/8/2012	7+	2/14/2012	2/15/2012	EV	Y	Y	Y	Y	410
85	LAKKIMRWT	LAKKIMRWT	NW/62/12/041	F	11	8/16/2012	7+	10/7/2012	10/8/2012	EV	Y	Y	Y	Y	189
86	LAKKIMRWT	LAKKIMRWT	NW/62/12/042	F	7	9/20/2012	6	10/22/2012	10/23/2012	VACC	Y	Y	Y		154
87	LAKKIMRWT	LAKKIMRWT	NW/62/12/047	F	84	10/2/2012	7+	11/18/2012	11/19/2012	NVI	Y	N	Y		142
88	LAKKIMRWT	LAKKIMRWT	NW/62/12/052	M	4	10/17/2012	5	11/29/2012	11/30/2012	NVI	N	Y	Y		127

€ Based on recall of parents

* Afp.rec Data as of 23-02-2013

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

Table 8.1: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS* 2012 (3/3)

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
89	MALAKAND	BATKHELA	NW/20/12/009	M	51	3/21/2012	7+	4/3/2012		EV	Y	N	Y		337
90	MANSEHRA	MANSEHRA	NW/14/12/017	F	57	4/29/2012	7+	5/31/2012	6/1/2012	NVI	N	N	Y	Y	298
91	MANSEHRA	MANSEHRA	NW/14/12/022	F	24	7/13/2012	7+	7/17/2012	8/1/2012	NVI	Y	N	Y	DIED	223
92	MANSEHRA	MANSEHRA	NW/14/12/027	M	65	8/4/2012	7+	9/6/2012	9/8/2012	EV	Y	N	Y		201
93	MANSEHRA	MANSEHRA	NW/14/12/030	M	70	8/6/2012	7+	9/9/2012	9/10/2012	EV	Y	Y	Y		199
94	MARDAN	MARDAN	NW/40/12/035	M	19	4/5/2012	7+	5/3/2012	5/5/2012	EV	Y	Y	Y	Y	322
95	MARDAN	TAKHT BHAI	NW/40/12/042	M	5	5/4/2012	6	5/30/2012	6/1/2012	NVI	Y	Y	Y	Y	293
96	MARDAN	MARDAN	NW/40/12/067	F	48	7/15/2012	7+	8/25/2012	8/26/2012	EV	N	N	Y	Y	221
97	MARDAN	TAKHT BHAI	NW/40/12/070	M	37	8/6/2012	7+	8/25/2012	8/27/2012	NVI	Y	Y	Y	Y	199
98	MARDAN	TAKHT BHAI	NW/40/12/100	M	24	10/13/2012	7+	11/2/2012	11/4/2012	NVI	Y	Y	Y	Y	131
99	MARDAN	MARDAN	NW/40/12/118	F	11	11/18/2012	7+	12/23/2012	12/24/2012	VACC	Y	N	N	Y	95
100	MARDAN	MARDAN	NW/40/12/120	F	17	8/26/2012	7+				Y	Y	Y	Y	179
101	NOWSHERA	NOWSHERA	NW/32/12/023	M	36	6/8/2012	7+	6/30/2012	7/2/2012	NVI	N	Y	Y		258
102	ORAKZAI	CENTRAL ORAKZAI	NW/53/12/002	M	16	6/15/2012	0	7/19/2012	7/21/2012	EV	Y	Y	Y		251
103	ORAKZAI	CENTRAL ORAKZAI	NW/53/12/003	F	22	9/2/2012	4	10/4/2012	10/5/2012	VACC	N	N	Y		172
104	PESHAWAR	PESHAWAR	NW/30/12/015	F	13	2/8/2012	7+	3/8/2012	3/10/2012	NVI	UK	Y	UK		379
105	PESHAWAR	PESHAWAR	NW/30/12/038	M	64	5/8/2012	7+	5/29/2012	5/30/2012	NVI	N	N	Y		289
106	PESHAWAR	PESHAWAR	NW/30/12/019	M	20	2/28/2012	7+	3/31/2012	4/1/2012	NVI	Y	Y	Y	Y	359
107	PESHAWAR	PESHAWAR	NW/30/12/044	F	119	6/4/2012	7+	6/14/2012		NVI	Y	N	N		262
108	PESHAWAR	PESHAWAR	NW/30/12/042	M	66	5/18/2012	7+	6/10/2012	6/12/2012	NVI	Y	Y	UK		279
109	PESHAWAR	PESHAWAR	NW/30/12/049	F	13	6/8/2012	7+	6/26/2012	6/27/2012	EV	N	Y	Y		258
110	PESHAWAR	PESHAWAR	NW/30/12/061	M	18	7/18/2012	7+	8/9/2012	8/10/2012	EV	Y	N	Y		218
111	PESHAWAR	PESHAWAR	NW/30/12/073	M	12	8/10/2012	7+	9/15/2012	9/17/2012	EV	Y	Y	Y		195
112	PESHAWAR	PESHAWAR	NW/30/12/074	F	30	8/7/2012	7+	9/16/2012	9/17/2012	NVI	Y	N	Y		198
113	PESHAWAR	FR PESHAWAR	NW/30/12/085	M	14	10/6/2012	7+	10/23/2012	10/25/2012	EV	N	Y	Y		138
114	PESHAWAR	PESHAWAR	NW/30/12/088	M	3	9/29/2012	4	11/5/2012	11/6/2012	NVI	Y	Y	Y		145
115	SHANGLA	ALPURI	NW/26/12/001	F	30	2/4/2012	7+	2/18/2012	2/19/2012	NVI	Y	Y	N	DIED	383
116	SWABI	SWABI	NW/41/12/032	M	11	4/9/2012	7+				UK	N	UK	Y	318
117	SWAT	MATTA	NW/24/12/022	M	52	8/5/2012	7+	8/25/2012	8/27/2012	NVI	Y	Y	N		200
118	SWAT	MATTA	NW/24/12/026	F	36	8/12/2012	7+	8/28/2012	8/29/2012	NVI	Y	Y	N		193
119	SWAT	SWAT	NW/24/12/028	M	12	8/22/2012	7+	9/11/2012	9/12/2012	EV	N	N	N		183
120	SWAT	SWAT	NW/24/12/033	F	72	9/10/2012	0	9/28/2012	9/29/2012	NVI	Y	N	N		164
121	SWAT	MATTA	NW/24/12/041	F	24	11/22/2012	0	12/7/2012	12/8/2012	NVI	UK	UK	N		91
122	TANK	TANK	NW/63/12/005	F	72	5/3/2012	7+	5/18/2012	5/20/2012	NVI	N	Y	Y		294
123	TANK	TANK	NW/63/12/011	M	24	6/22/2012	7+	7/25/2012	7/26/2012	NVI	Y	Y	Y		244
124	TANK	TANK	NW/63/12/012	M	18	6/29/2012	7+	7/29/2012	7/30/2012	EV	Y	Y	Y		237
125	TANK	TANK	NW/63/12/009	M	60	5/20/2012	7+	7/4/2012	7/5/2012	NVI	N	Y	UK		277
126	TORGHAR	TORGHAR	NW/15/12/002	F	96	4/15/2012	0	5/9/2012	5/10/2012	NVI	Y	Y	Y		312
127	TORGHAR	TORGHAR	NW/15/12/003	F	42	5/4/2012	2	5/18/2012		NVI	Y	Y	Y	DIED	293
128	TORGHAR	TORGHAR	NW/15/12/010	M	72	11/16/2012	7+				Y	Y	Y		97
129	TORGHAR-N	MIRAN SHAH	NW/64/12/008	M	24	2/29/2012	0	4/10/2012	4/11/2012	NVI	Y	Y	Y	Y	358
130	NOSHKI	NOSHKI	BN/15/12/005	M	28	11/16/2012	5	12/18/2012	12/20/2012	EV	N	N	Y	Y	97
131	MUZAFFARABAD	PATTIKA	AJ/10/12/001	F	24	2/19/2012	7+	2/22/2012		NVI	N	N	Y	DIED	368

€ Based on recall of parents

* Afp.rec Data as of 23-02-2013

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.