



**World Health  
Organization**

# **Weekly AFP Surveillance Update Pakistan**

**Week 11** (*Ended on 16<sup>th</sup> March, 2013*)

AFP Surveillance



## ***National Surveillance Cell Federal EPI***

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

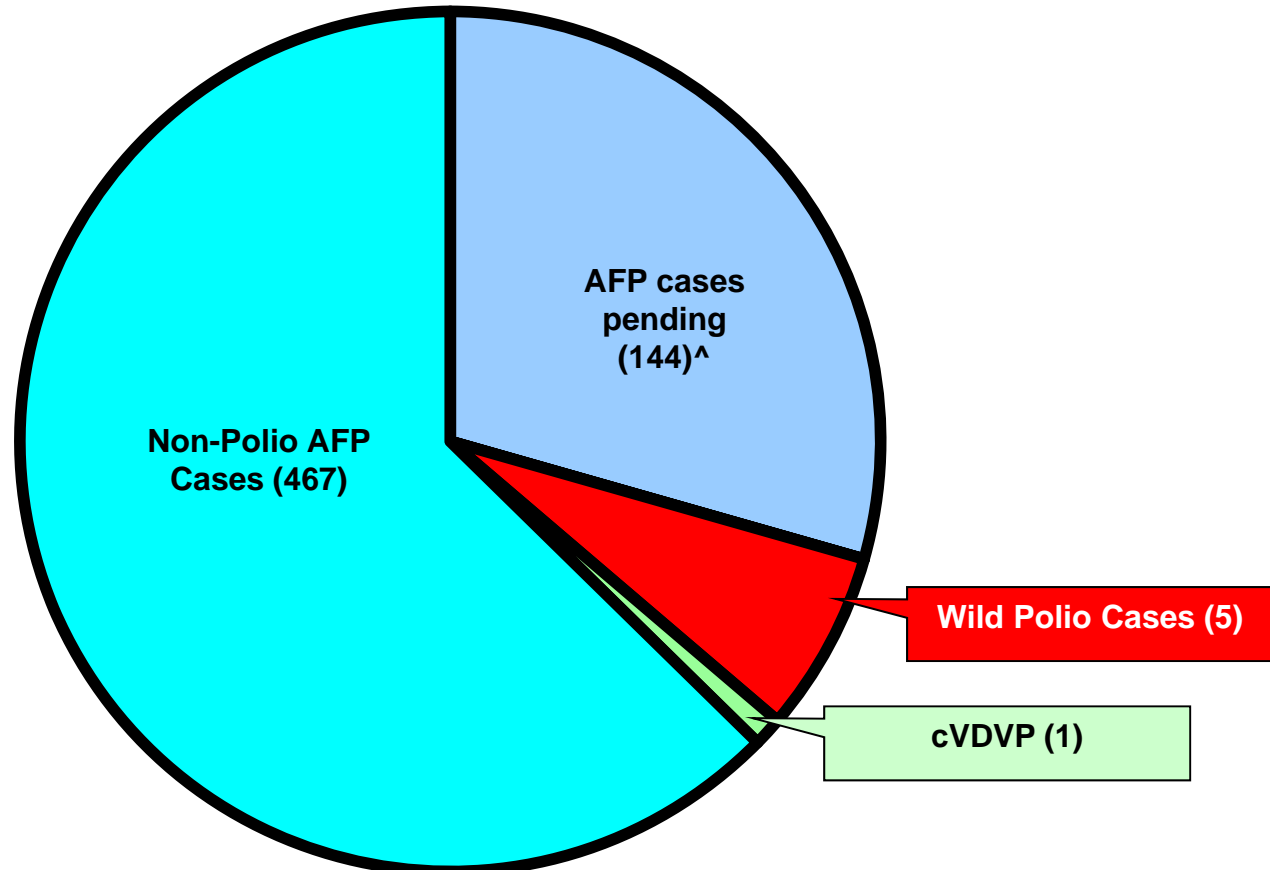
Tel: +92-51 9255123 / 9255282 /9255184

Fax: +92-51 9255274

Email: [epidata@pak.emro.who.int](mailto:epidata@pak.emro.who.int)

Web site: [www.whopak.org](http://www.whopak.org)

# AFP Case Profile, 2013\*



**Total AFP Cases Reported = 617**

<sup>^</sup>5 Inadequate cases pending classification by ERC;  
<sup>^</sup>36 Inadequate cases not due for FUP  
<sup>^</sup>103 Pending in the Lab

154 cases of 2012 are pending

\* Afp.rec Data as of 16-03-2013

# Comparison of polio cases by province/region 2012<sup>§</sup> & 2013\*

Region/ Province	No. of polio cases		No. of infected districts/towns		Last polio case
	2012	2013	2012	2013	
<b>Khyber Pakhtunkhwa</b>	4	3	4	3	12-Feb-13
<b>FATA / FR Areas</b>	6	-	2	-	10-Nov-12
<b>Sindh</b>	2	1	2	1	14-Jan-13
<b>Balochistan</b>	2	-	1	-	30-Nov-12
<b>Punjab</b>	1	1	1	1	07-Feb-12
<b>Pakistan</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>12-Feb-13</b>

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

¥ Total polio cases of 2012 are 58

\* Afp.rec Data as of 16-03-2013

§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	SIAs						Cluster
1	SINDH	BIN QASIM	SD/62/13/001	M	24	14-Jan-13	0	0	N	Y	Y	Y	NSL1	R4
2	KP	BANNU	NW/61/13/002	M	13	26-Jan-13	0	0	Y	N	Y	Y	NSL1	R4
3	KP	MALAKAND	NW/20/13/006	F	03	08-Feb-13	2	2	Y	N	Y	N	NSL1	R4
4	KP	MARDAN	NW/40/13/009	M	30	12-Feb-13	3	7+	Y	N	Y	N	NSL1	R4
5	PUNJAB	MIWANWALI	PB/43/13/005	F	36	07-Feb-13	3	7+	Y	N	Y	N	NSL1	R4

\* Afp.rec Data as of 16-03-2013

¥ 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	334	275	1	0	19	7	37	11%	2	332	100%
February	319	255	23	2	13	5	23	7%	3	292	92%
March	78	4	74	0	0	0	0	0%	0	4	5%
Pakistan	731	534	98	2	32	6	60	8%	5	627	86%

\* Data as of 18-03-2013

**Table 3: Urgent Pending Cases 2013\***

S. No.	District	Tehsil	Epid	Onset	Age	Sex	SIAs doses	Date of last OPV dose	Urgent		LAB NO.	Date of first stool collection	Culture-update
									By Field	¥ NSC Criteria			
1	KHIGADDAP	GADDAP	SD/63/13/003	21-Feb-13	18	M	5	16-Oct-12	Y	Y	798	28-Feb-13	SL2

Discordant, waiting for genomic sequencing results

Urgent on both criteria

\* Data as of 18-03-2013

¥ 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	OPV Doses		Urgent by Field	¥ NSC Criteri a	LAB NO.	Date of first stool collection	rRT-PCR
							SIA's doses	Date of last OPV dose					
2	DGKHAN	DG KHAN	PB/81/13/016	24-Feb-13	56	M	7+	20-Feb-13	N	N	794	3-Mar-13	SL2
4	KHIGADAP	GADDAP	SD/63/13/003	21-Feb-13	18	M	5	15-Oct-13	Y	Y	798	28-Feb-13	SL2

Discordant, waiting for genomic sequencing results

UP= Under process

\* Data as of 18-03-2013

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

€ Based on recall of parents





## Comparison environmental sampling results 2012-13\*

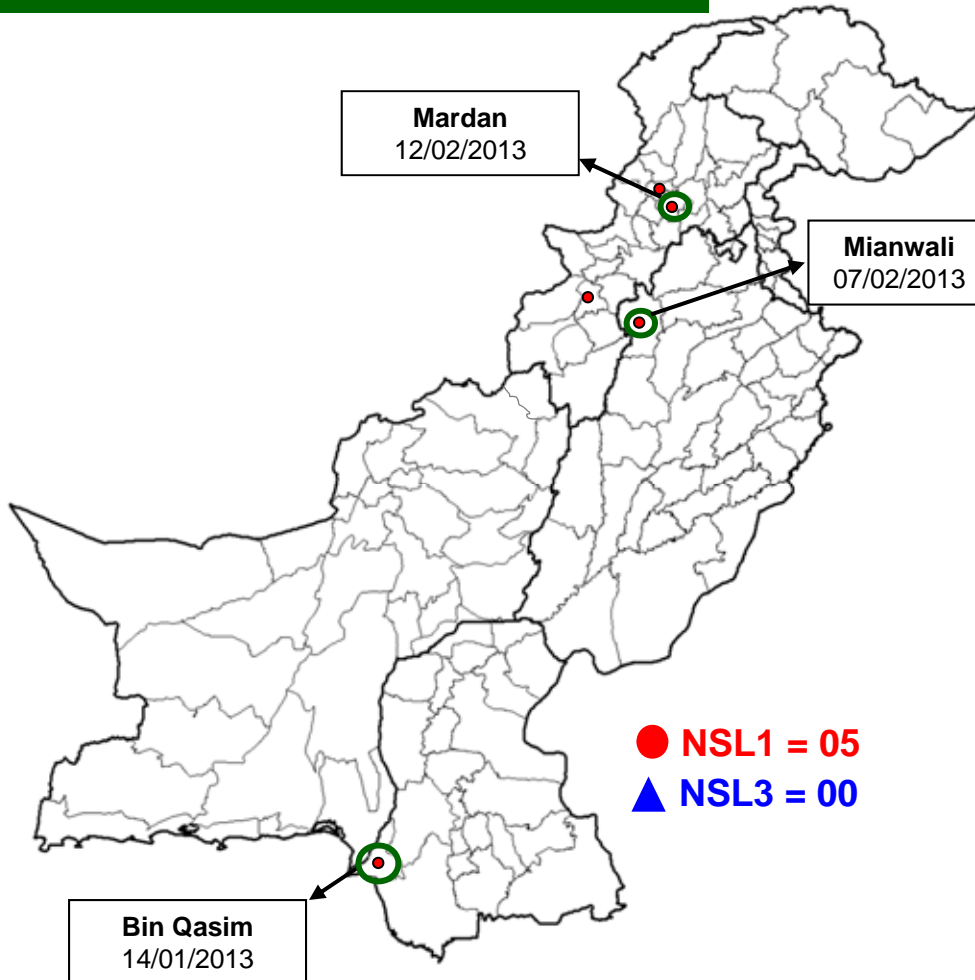
District/ Town	2012			2013*			Last Isolate
	Total	Wild		Total	Wild		
<b>Lahore</b>	6	4	67%	6	0	0%	20-Nov-12
<b>Multan</b>	5	2	40%	5	0	0%	18-Jun-12
<b>Rawalpindi</b>	2	2	100%	1	0	0%	24-Oct-12
<b>Faisalabad</b>	Sampling started week 36			3	1	33%	03-Jan-13
<b>G IQbal</b>	4	0	0%	4	0	0%	04-Oct-12
<b>Gadap</b>	3	3	100%	3	1	33%	29-Jan-13
<b>Baldia</b>	4	0	0%	3	0	0%	10-Jul-12
<b>Sukkur</b>	Sampling started week 17			3	0	0%	05-Sep-12
<b>Hyderabad</b>	Sampling started week 28			2	2	100%	11-Feb-13
<b>Peshawar</b>	4	4	100%	3	3	100%	11-Feb-13
<b>Quetta</b>	3	2	67%	4	0	0%	28-Dec-12
<b>Total</b>	31	17	55%	37	7	19%	11-Feb-13

\* Comparison of samples till week 8 of both years with available results

Data source Polio RRL

# Map1: Distribution of Wild Polio cases Pakistan 2013\*

Districts/ Towns with Wild Polio cases = 5



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	Feb 2012	Jun, 2010	1	-
SINDH	Jan, 2013	Jan, 2010	1	-
KHYBER- PAKHTOONKHAW	Feb, 2013	Oct, 2010	3	-
FATA	Nov, 2012	Apr, 2012	-	-
BALUCHISTAN	Oct, 2012	Apr, 2010	-	-
AJK	-	Jun, 2000	-	-
GILGIT-BALTISTAN	Aug, 2012	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
PAKISTAN	Feb, 2013	Apr, 2012	5	-

○ District with last polio case in province

Cases randomly placed  
in districts

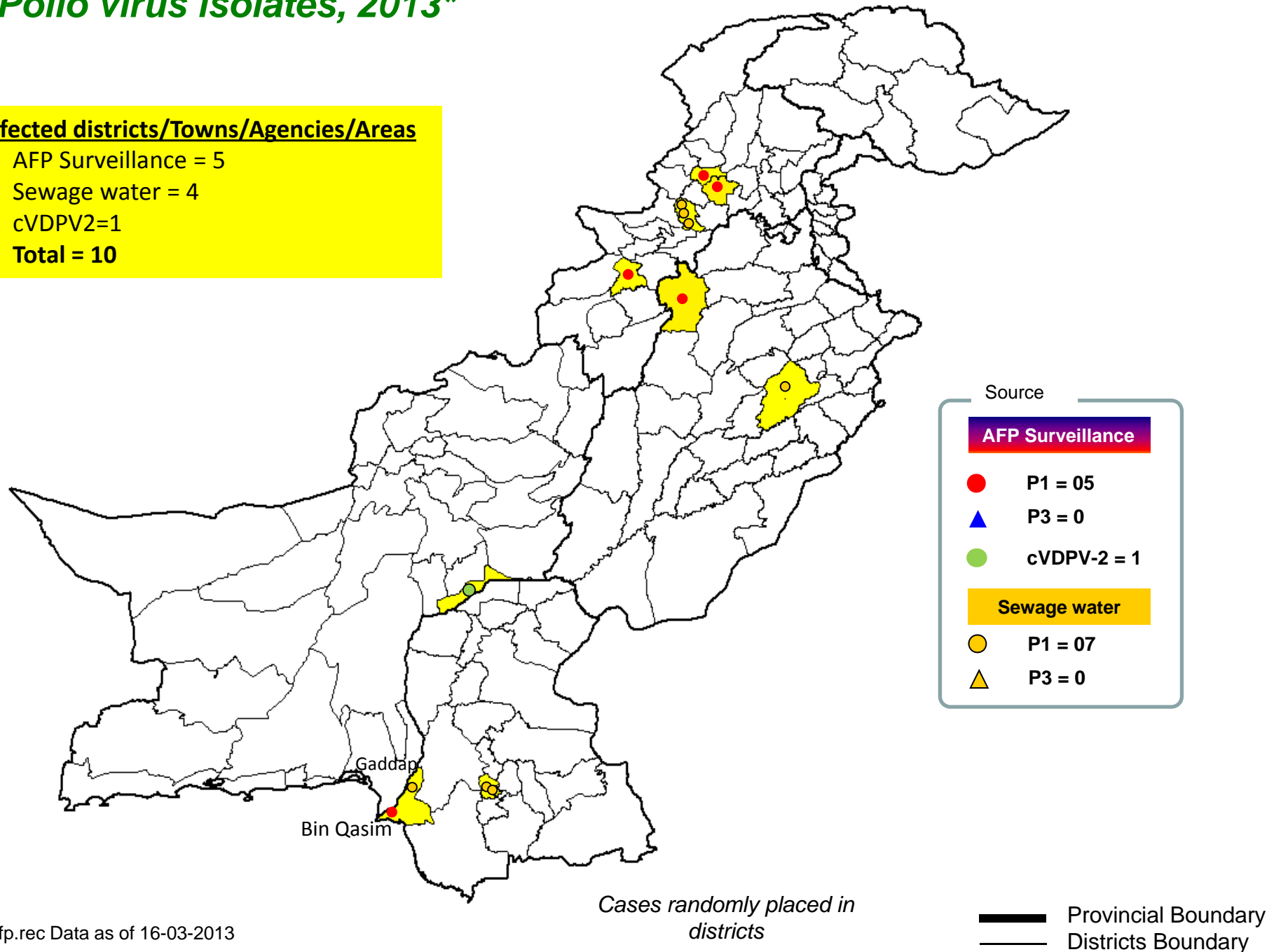
— Provincial Boundary  
— Districts Boundary

\* Afp.rec Data as of 16-03-2013

# Polio virus isolates, 2013\*

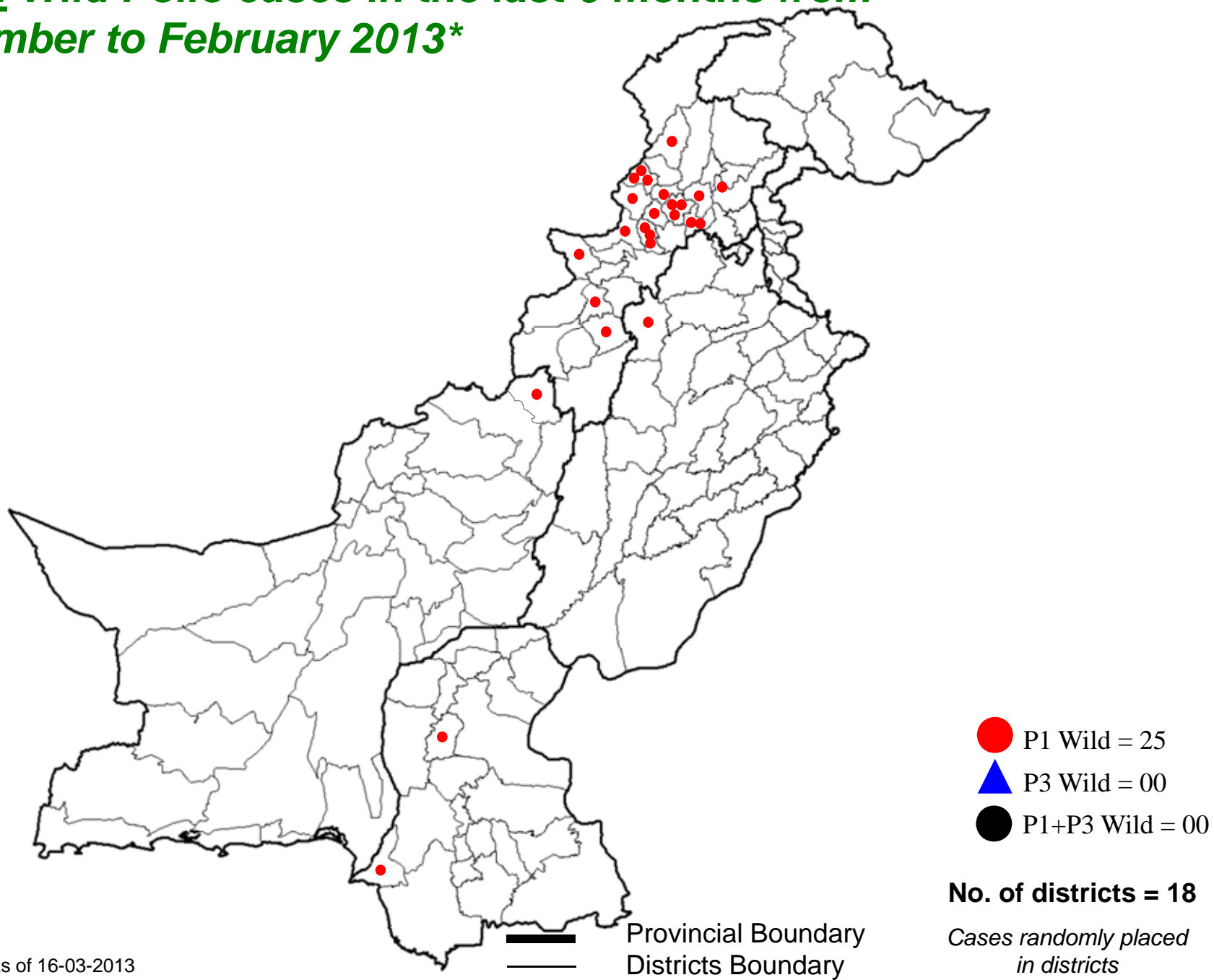
## Infected districts/Towns/Agencies/Areas

- AFP Surveillance = 5
- Sewage water = 4
- cVDPV2=1
- Total = 10**



\* Afp.rec Data as of 16-03-2013

### Map 3: Wild Polio cases in the last 6 months from September to February 2013\*



\* Afp.rec Data as of 16-03-2013

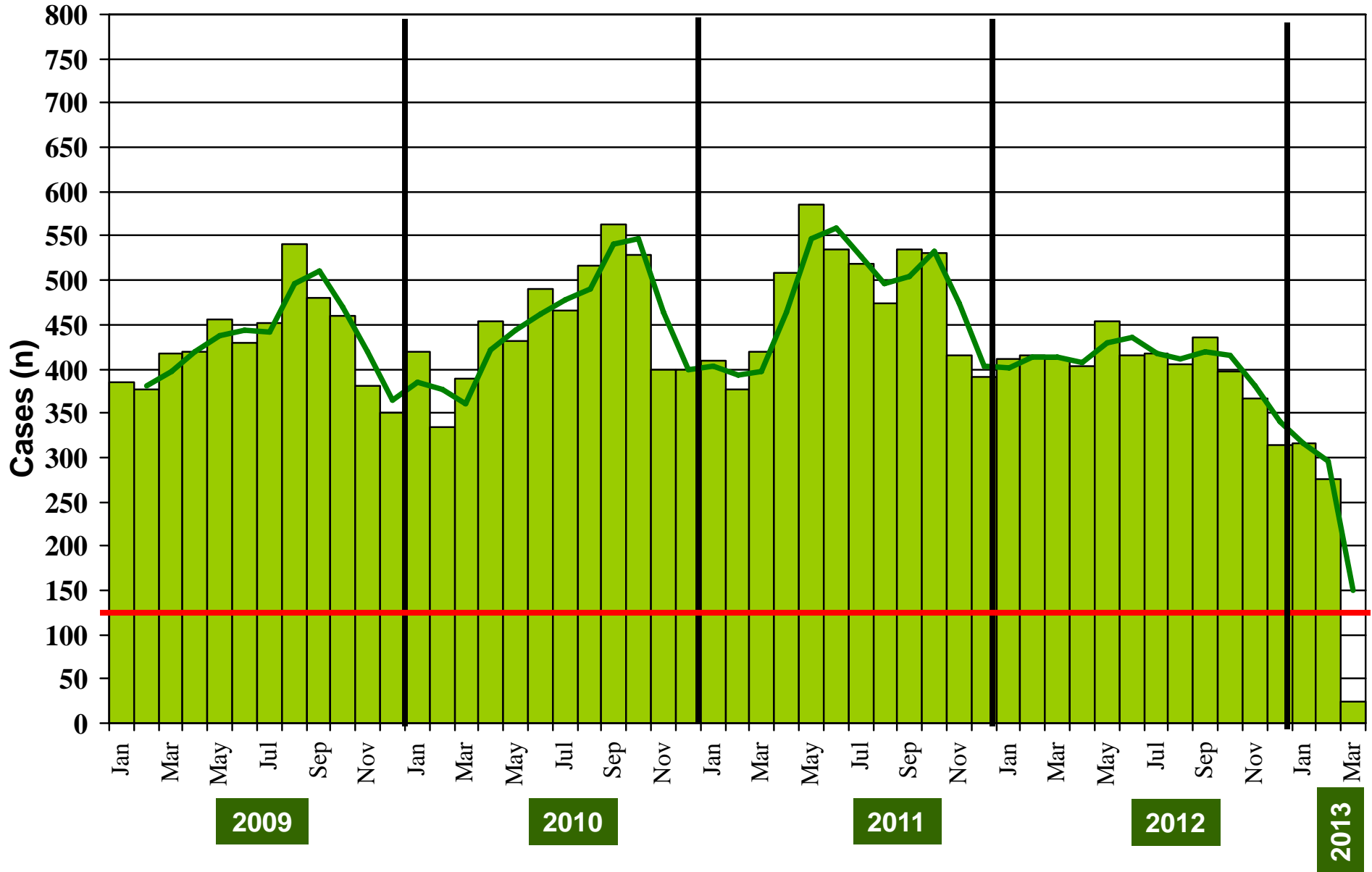
**Table 5: Distribution of AFP Cases By Week of Onset ^  
Pakistan 2012-2013\* [Week number/Ending on]**

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
<b>PAKISTAN</b>	<b>83</b>	<b>96</b>	<b>92</b>	<b>94</b>	<b>70</b>	<b>87</b>	<b>88</b>	<b>58</b>	<b>72</b>	<b>66</b>	<b>73</b>	<b>69</b>	<b>56</b>	<b>55</b>	<b>20</b>

\* Afp.rec & Afplab.rec: Data as of 16-03-2013

^ MMWR Epidemiological Weeks

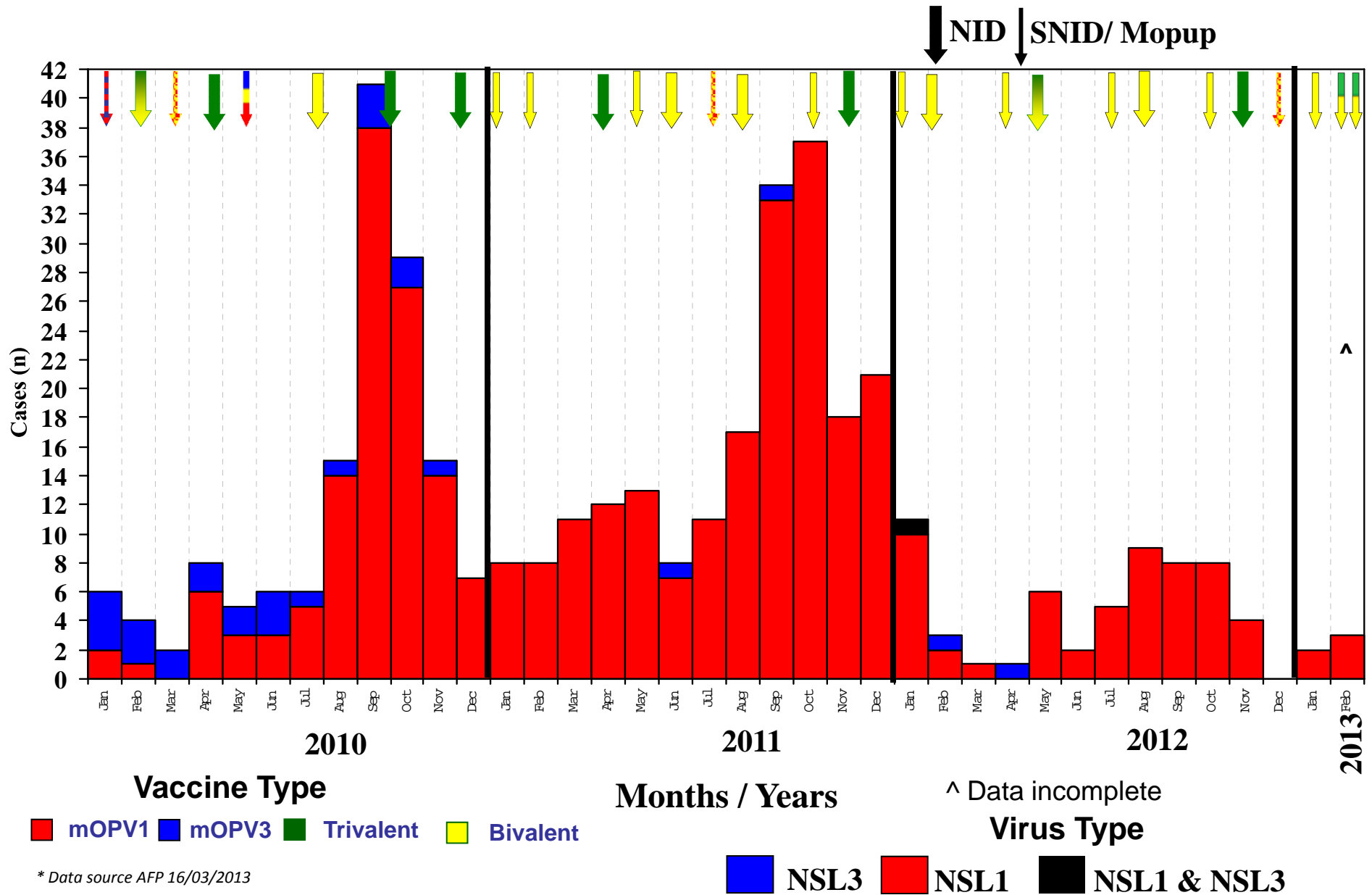
**Graph 1: Distribution of AFP Cases by Month, Pakistan 2009-2013\***



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

\*Afp.rec Data as of 16-03-2013

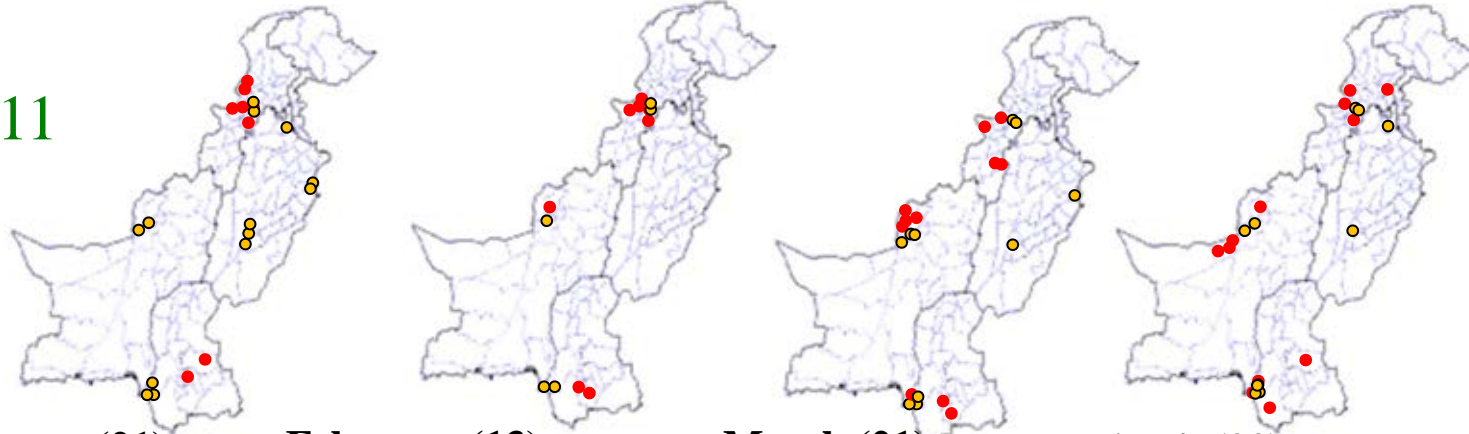
# Confirmed Polio Cases By Poliovirus Type, 2010-2013\*



\* Data source AFP 16/03/2013

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

2011



January (21)

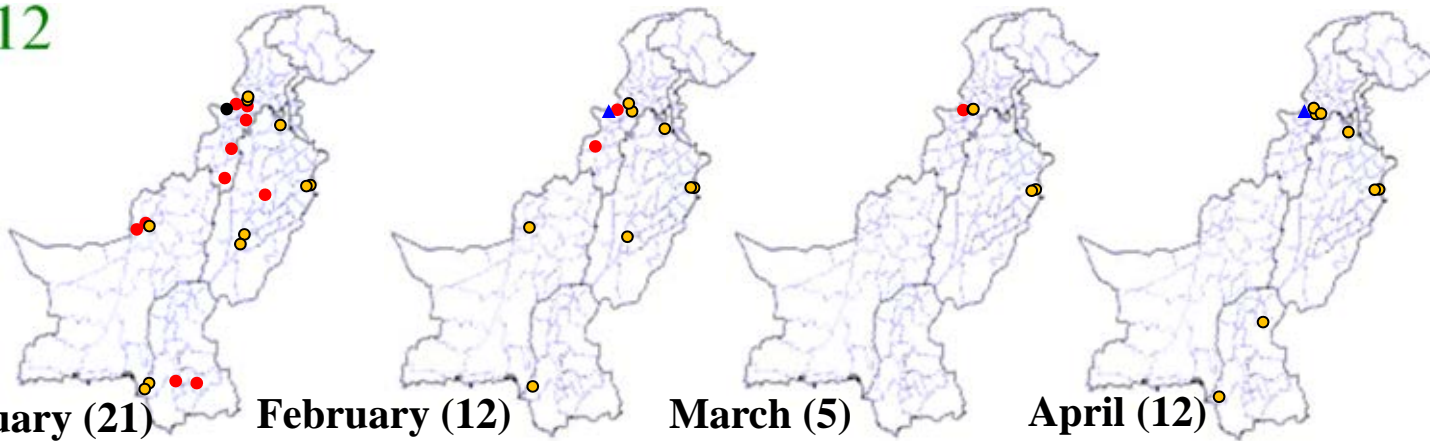
February (13)

March (21)

April (22)

— Provincial Boundary  
— Districts Boundary

2012



January (21)

February (12)

March (5)

April (12)

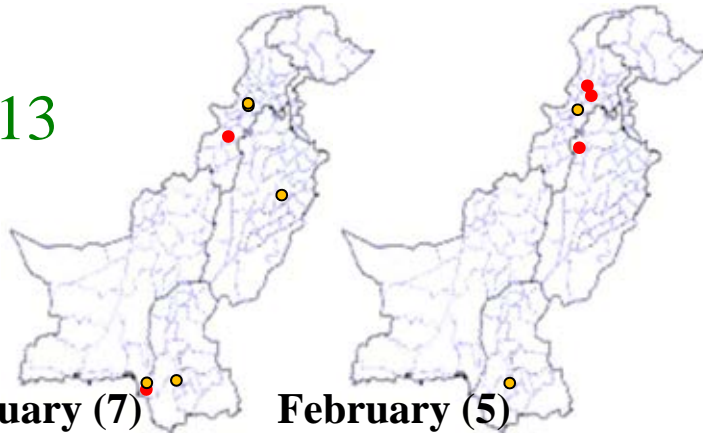
### AFP Surveillance

- P1
- ▲ P3
- P1+P3

### Sewage water

- P1
- ▲ P3
- ⬡ Mixture P1 & 3

2013



January (7)

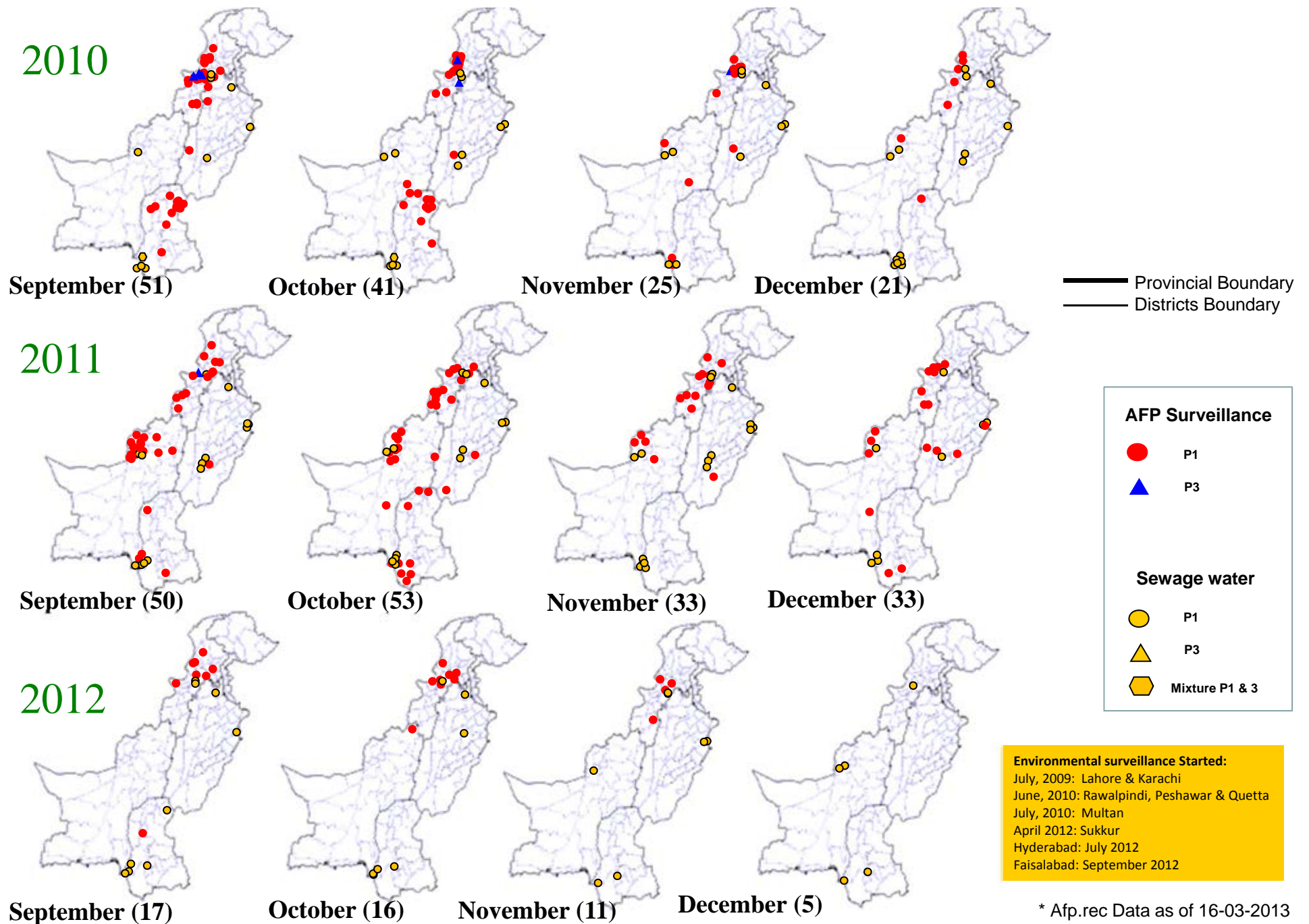
February (5)

**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 16-03-2013

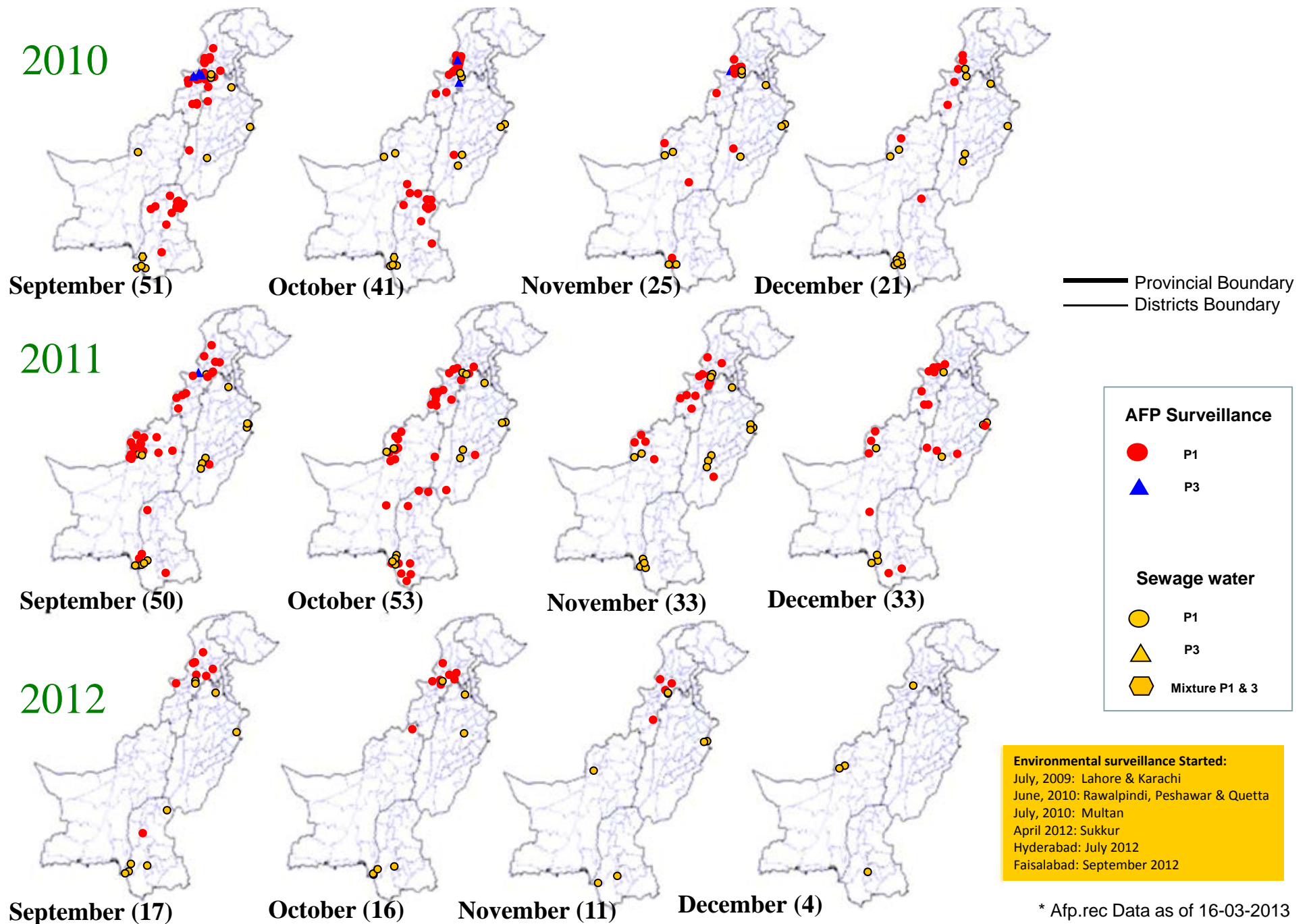


# Map 4.2: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2010-2012\*



\* Afp.rec Data as of 16-03-2013

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

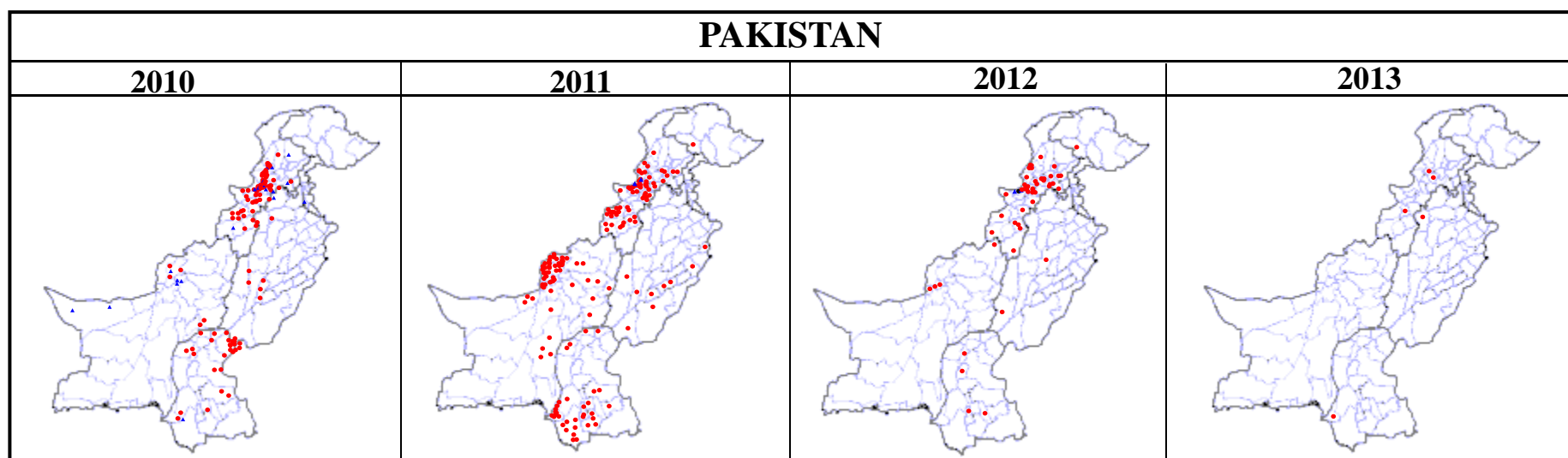


\* Afp.rec Data as of 16-03-2013

## 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	1	0	-	-	7	9	2	1
SINDH	26	33	4	1	1	0	-	-	27	33	4	1
KP	19	23	27	3	5	0	-	-	24	23	27	3
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	-	-
<b>PAKISTAN</b>	<b>120</b>	<b>196</b>	<b>55</b>	<b>5</b>	<b>24</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>144</b>	<b>198</b>	<b>58</b>	<b>5</b>

^ FATA reported mixture of NSL1 & NSL3



\* Afp.rec Data as of 16-03-2013

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

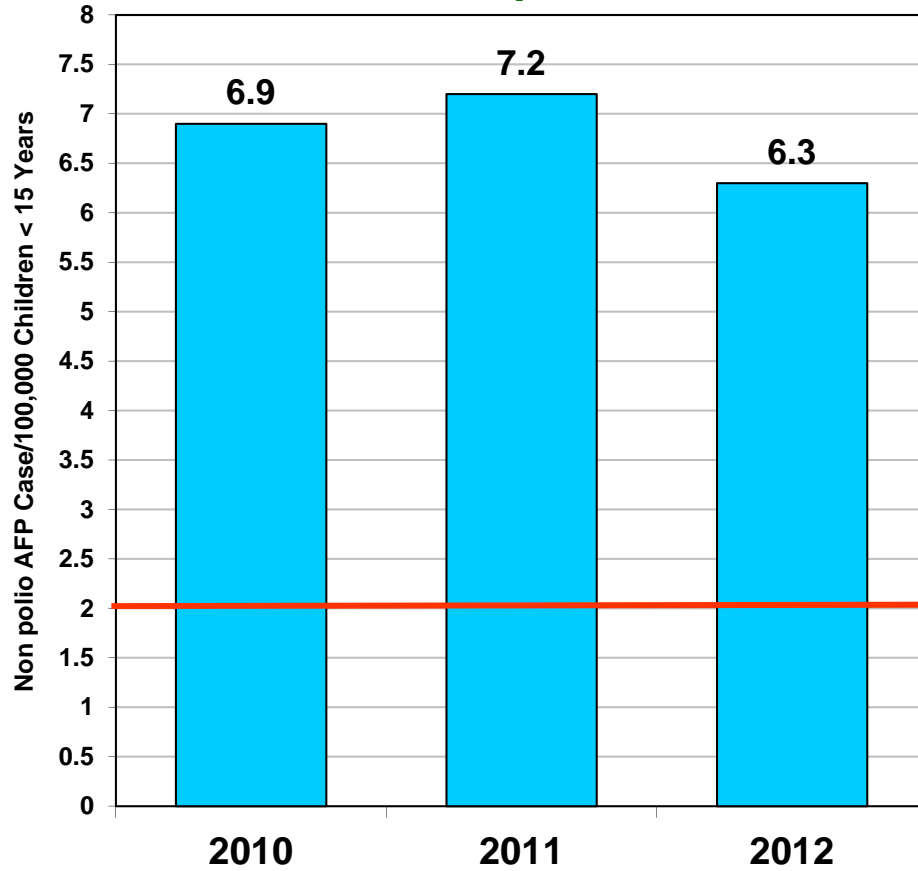
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	09	10	11	12	09	10	11	12	09	10	11	12	09	10	11	12	09	10	11	12
Central Punjab	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%	2%	1%	6%	7%	6%	5%	93%	91%	92%	97%
North Punjab	0%	0%	0%	1%	0%	0%	1%	0%	0%	2%	1%	0%	5%	6%	5%	9%	94%	91%	93%	93%
South Punjab	0%	0%	0%	0%	0%	1%	0%	0%	1%	0%	1%	0%	6%	5%	5%	4%	93%	94%	93%	98%
<b>PUNJAB</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>6%</b>	<b>6%</b>	<b>5%</b>	<b>5%</b>	<b>93%</b>	<b>92%</b>	<b>93%</b>	<b>96%</b>
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%
<b>SINDH</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>2%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>6%</b>	<b>7%</b>	<b>6%</b>	<b>5%</b>	<b>91%</b>	<b>91%</b>	<b>92%</b>	<b>96%</b>
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%
<b>Khyber Pakhtunkhwa</b>	<b>3%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>2%</b>	<b>2%</b>	<b>1%</b>	<b>2%</b>	<b>6%</b>	<b>6%</b>	<b>5%</b>	<b>5%</b>	<b>87%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>
<b>FATA</b>	<b>4%</b>	<b>14%</b>	<b>14%</b>	<b>19%</b>	<b>9%</b>	<b>11%</b>	<b>10%</b>	<b>11%</b>	<b>3%</b>	<b>6%</b>	<b>5%</b>	<b>0%</b>	<b>8%</b>	<b>18%</b>	<b>11%</b>	<b>7%</b>	<b>76%</b>	<b>51%</b>	<b>61%</b>	<b>66%</b>
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%
<b>BALUCHISTAN</b>	<b>5%</b>	<b>5%</b>	<b>16%</b>	<b>8%</b>	<b>8%</b>	<b>4%</b>	<b>6%</b>	<b>6%</b>	<b>4%</b>	<b>2%</b>	<b>6%</b>	<b>2%</b>	<b>8%</b>	<b>11%</b>	<b>12%</b>	<b>12%</b>	<b>75%</b>	<b>78%</b>	<b>60%</b>	<b>75%</b>
<b>PAKISTAN</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>6%</b>	<b>7%</b>	<b>6%</b>	<b>5%</b>	<b>90%</b>	<b>89%</b>	<b>89%</b>	<b>93%</b>

\* Afp.rec Data as of 16-03-2013

# Key Surveillance Indicators; 2010-2012\*

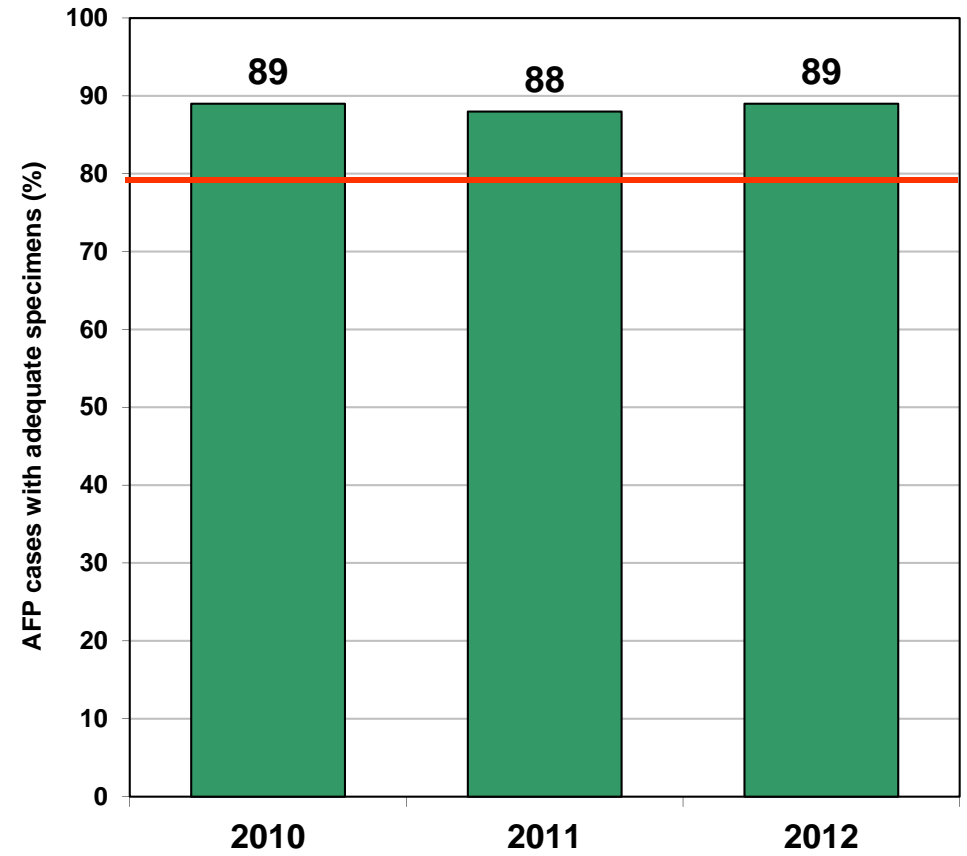
(Non polio AFP rate and % AFP cases with adequate specimens)

### Graph 3



■ Non Polio AFP Rate

### Graph 4



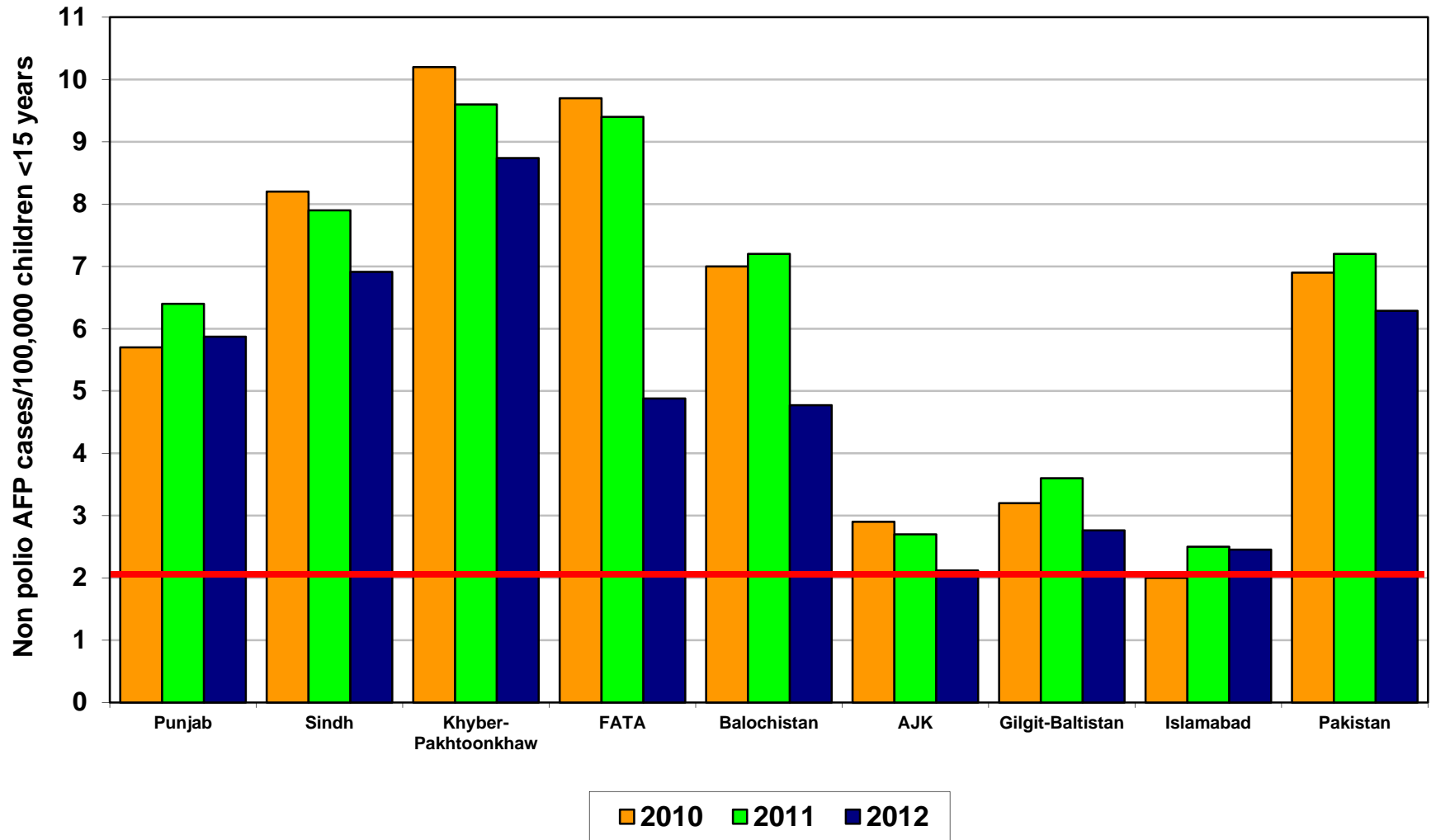
■ % AFP with Adequate Specimens

— Target

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

\* Afp.rec Data as of 16-03-2013

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

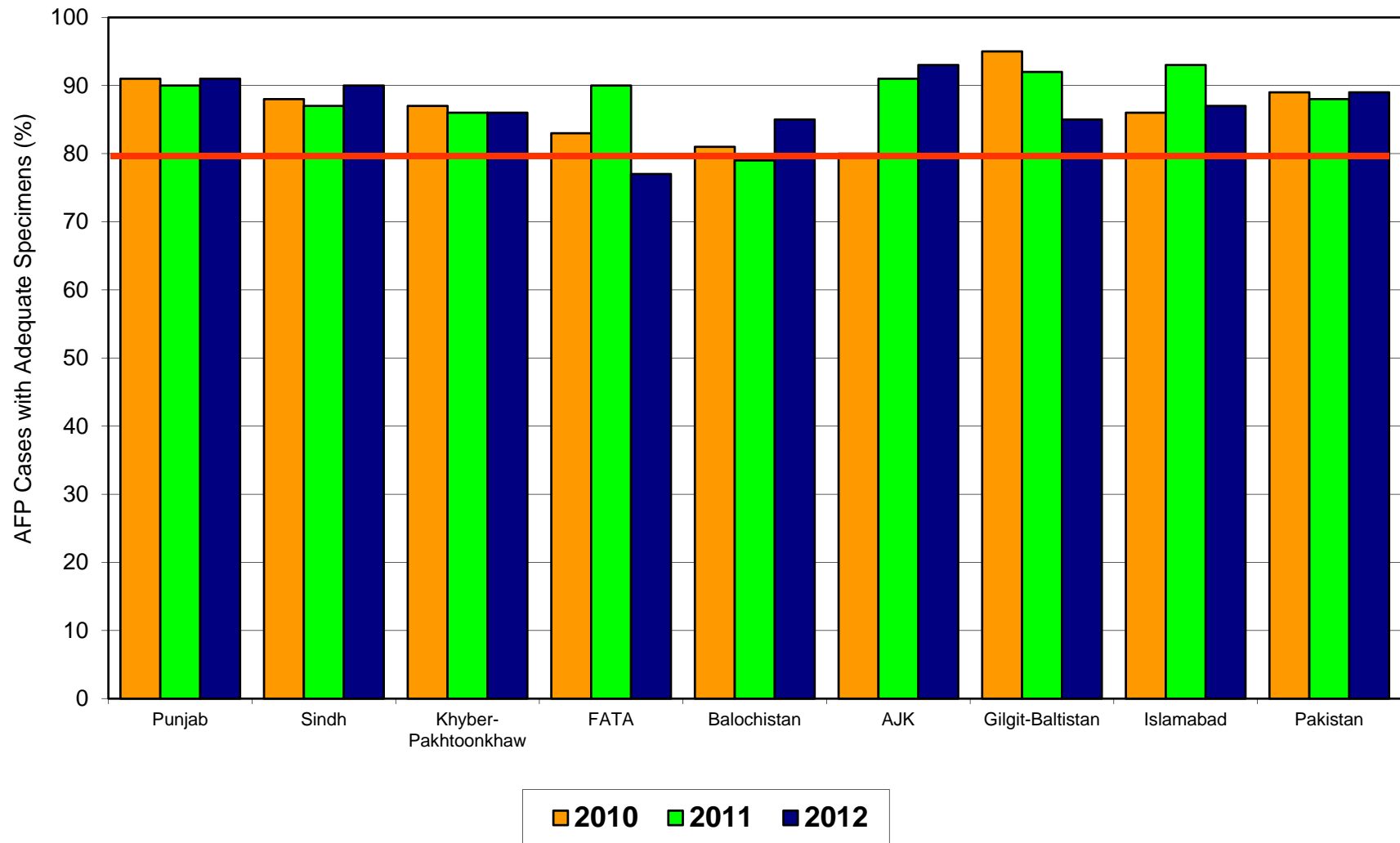


Non Polio AFP rate Up to Week No. 52 ended on 29<sup>TH</sup> December, 2012

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

\* Afp.rec Data as of 16-03-2013

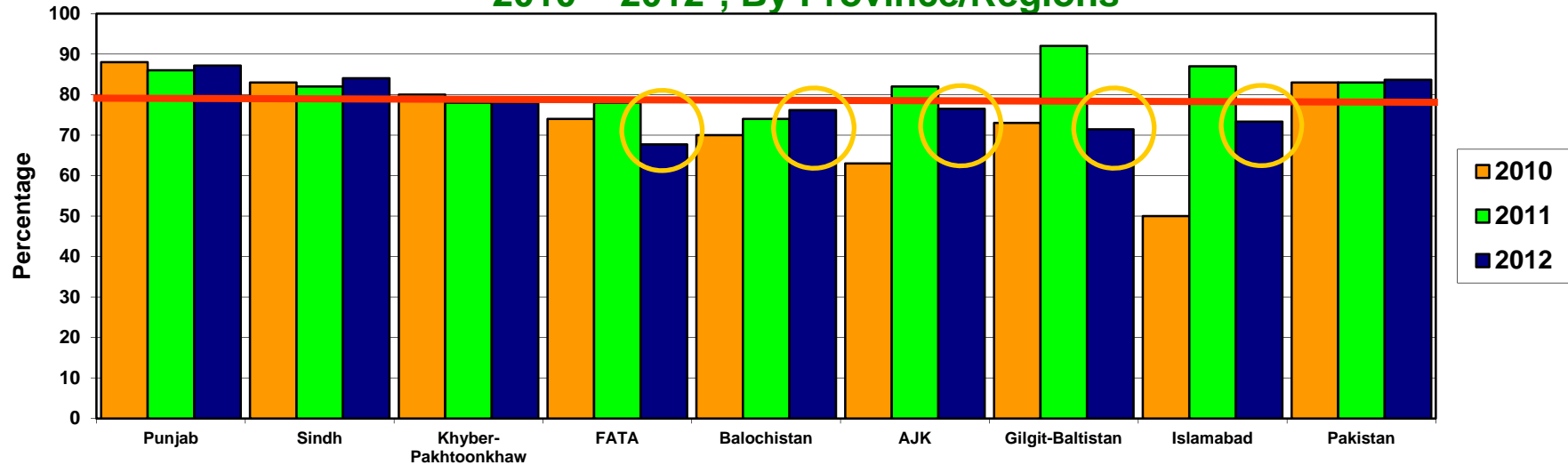
## Graph 4.1: Percent AFP Cases with Adequate Specimens By Province/Regions, 2010-2012\*



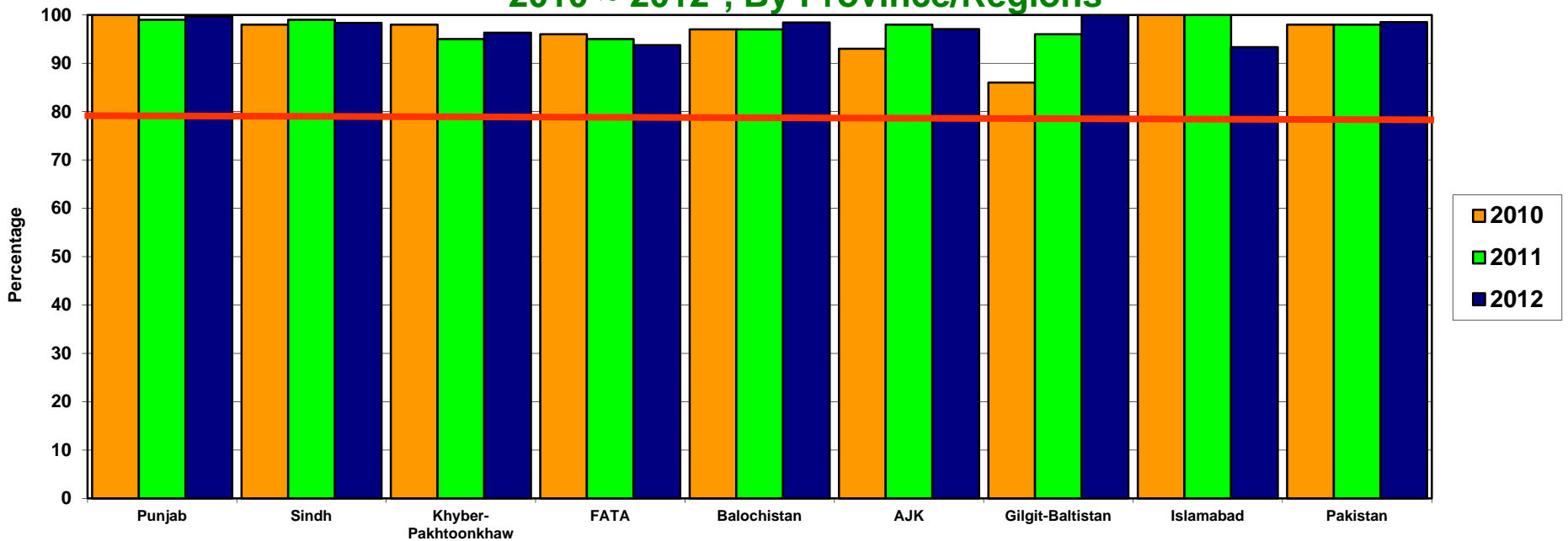
\* Afp.rec Data as of 16-03-2013

█ 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**

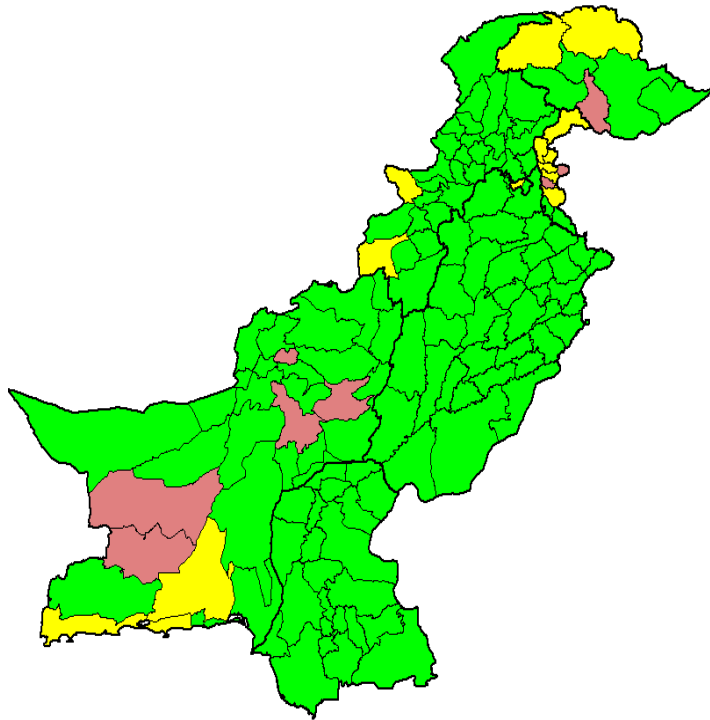


\* Afp.rec Data as of 16-03-2013

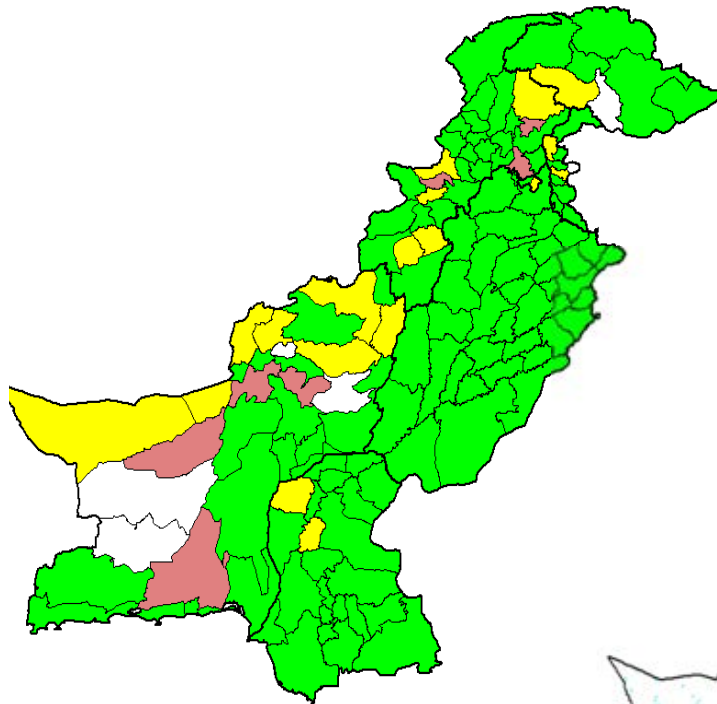
— Target



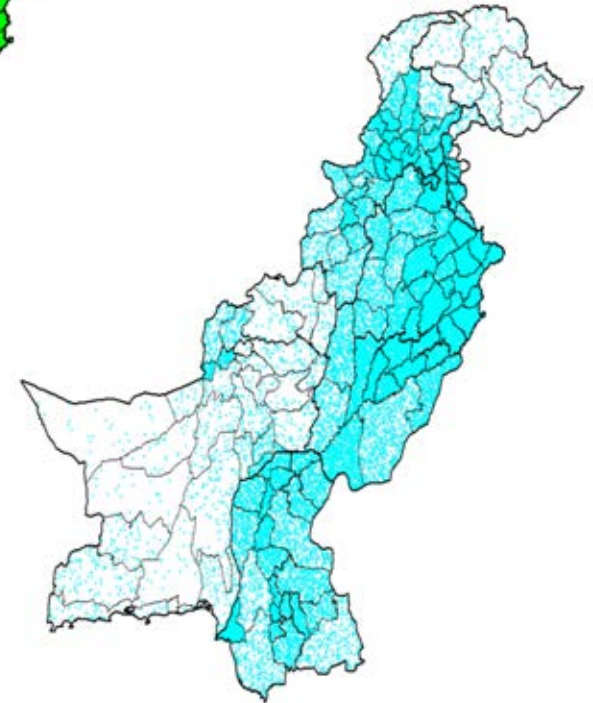
**Map 5: Non-Polio AFP Rate by District 2012\***



**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 29<sup>TH</sup> December, 2012

\* Afp.rec Data as of 16-03-2013

● 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	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	BAHWLNAGAR	BAHAWALNAGAR	PB/73/12/064	F	48	11/12/2012	7+	Late notified			N	Y	Y	Y	122
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	118
3	FAISALABAD	TANDLIAN WALA	PB/51/12/132	M	48	11/18/2012	7+	Late notified			N	Y	Y	Y	116
4	LAYYAH	KAROR LAL ESAN	PB/84/12/039	M	168	7/13/2012	7+	Late notified			Y	Y	Y	Y	244
5	MULTAN	MULTAN SADDAR	PB/61/12/102	M	30	11/23/2012	7+	12/17/2012	12/19/2012	NVI	Y	N	Y	Y	111
6	MULTAN	MULTAN CITY	PB/61/12/111	F	108	12/13/2012	7+	1/4/2013	1/6/2013	NVI	Y	Y	Y	Y	91
7	MUZFARGARH	KOT ADDU	PB/83/12/125	F	167	10/22/2012	0	12/11/2012	12/12/2012	NVI	N	Y	Y	Y	143
8	MUZFARGARH	MUZFARGARH	PB/83/12/128	M	3	11/15/2012	4	12/20/2012	12/21/2012	NVI	Y	N	Y	Y	119
9	MUZFARGARH	MUZFARGARH	PB/83/12/132	M	144	12/1/2012	3	1/6/2013	1/8/2013	NVI	Y	Y	Y	Y	103
10	OKARA	OKARA	PB/34/12/060	M	42	12/1/2012	7+	1/15/2013	1/16/2013	VACC	Y	N	Y	Y	103
11	DADU	JOHI	SD/24/12/019	M	99	7/30/2012	7+	8/13/2012	8/14/2012	NVI	Y	Y	Y	Y	227
12	DADU	JOHI	SD/24/12/021	M	48	7/25/2012	7+	8/26/2012	8/27/2012	NVI	Y	N	Y	Y	232
13	HYDERABAD	HYDERABAD RURAL	SD/21/12/027	F	7	3/29/2012	3	5/22/2012	5/24/2012	VACC	Y	Y	Y	Y	350
14	HYDERABAD	HYDERABAD RURAL	SD/21/12/033	F	24	6/6/2012	7+	7/3/2012	7/4/2012	EV	Y	Y	Y	Y	281
15	JACOBABAD	JACOBABAD	SD/53/12/038	M	120	10/20/2012	7+	12/10/2012	12/12/2012	NVI	Y	Y	Y	Y	145
16	JACOBABAD	THUL	SD/53/12/041	F	36	11/15/2012	7+	1/1/2013	1/5/2013	NVI	Y	Y	Y	Y	119
17	KAMBAR	WARAH	SD/55/12/031	M	120	7/21/2012	7+	Child died before stool collection			N	N	Y	DIED	236
18	KAMBAR	SHAHAD KOT	SD/55/12/034	M	36	7/30/2012	7+	8/20/2012	8/22/2012	NVI	Y	Y	Y	DIED	227
19	KAMBAR	KAMBAR	SD/55/12/047	M	18	10/30/2012	7+	11/7/2012		NVI	N	N	Y	DIED	135
20	KASHMORE	KANDHKOT	SD/54/12/029	F	84	11/25/2012	7+	12/24/2012	1/3/2013	NVI	N	Y	Y	Y	109
21	KHIBALDIA	BALDIA	SD/61/12/010	F	24	6/2/2012	7+	6/27/2012	6/28/2012	NVI	Y	Y	Y	Y	285
22	KHIGADAP	GADAP	SD/63/12/014	F	34	11/4/2012	7+	Child died before stool collection			Y	Y	Y	DIED	130
23	KHIGADAP	GADAP	SD/63/12/015	M	18	11/25/2012	7+	11/28/2012		NVI	Y	N	Y	DIED	109
24	KHILAYARI	LAYARI	SD/71/12/008	F	82	7/26/2012	7+	Late notified			N	N	N	Y	231
25	KHINNAZIM	N-NAZIMABAD	SD/74/12/010	F	18	11/13/2012	7+	12/14/2012	12/15/2012	EV	Y	N	Y	Y	121
26	LARKANA	RATODERO	SD/51/12/036	M	12	8/26/2012	7+	8/30/2012		NVI	Y	N	N	DIED	200
27	MATIARI	MATIARI	SD/28/12/013	M	72	7/24/2012	7+	Child died before stool collection			N	Y	Y	DIED	233
28	MIRPURKHAS	KOT GHULAM MUHAMMAD	SD/31/12/037	M	120	8/25/2012	7+	Child died before stool collection			Y	N	Y	DIED	201
29	NFEROZ	MORO	SD/45/12/014	M	120	7/12/2012	7+	Child died before stool collection			N	Y	Y	DIED	245
30	SANGHAR	SANGHAR	SD/32/12/031	M	144	8/20/2012	7+	9/15/2012	9/16/2012	NVI	Y	N	Y	Y	206
31	SANGHAR	SANGHAR	SD/32/12/032	M	156	9/13/2012	7+	9/18/2012			Y	Y	Y	DIED	182
32	SANGHAR	SANGHAR	SD/32/12/800	M	30	11/20/2012	7+	11/29/2012			Y	Y	Y	DIED	114
33	SHIKARPUR	LAKHI	SD/52/12/034	M	22	8/5/2012	7+	9/18/2012	9/19/2012	EV	N	Y	Y	Y	221
34	THARPARKAR	NAGAR PARKAR	SD/33/12/026	M	20	6/26/2012	7+	7/11/2012	7/12/2012	NVI	Y	N	Y	Y	261
35	THARPARKAR	DIPLO	SD/33/12/038	M	84	7/24/2012	7+	9/15/2012	9/16/2012	NVI	N	N	Y	Y	233
36	THARPARKAR	MITHI	SD/33/12/042	M	36	10/28/2012	7+	Child died before stool collection			N	N	Y	DIED	137
37	THATTA	MIRPUR SAKRO	SD/22/12/045	M	1	7/23/2012	1	8/12/2012	8/13/2012	NVI	N	N	Y	Y	234
38	THATTA	JATI	SD/22/12/049	M	62	8/25/2012	7+	Child died before stool collection			Y	N	Y	DIED	201
39	UMERKOT	KUNRI	SD/34/12/032	M	120	9/5/2012	7+	Late notified			Y	Y	N	Y	190
40	ABOTABAD	HAVALIAN	NW/10/12/014	F	30	5/6/2012	7+	Late notified			Y	Y	Y		312
41	ABOTABAD	HAVALIAN	NW/10/12/022	M	48	7/3/2012	7+	Late notified			Y	N	Y		254
42	ABOTABAD	ABBOTABAD	NW/10/12/025	M	96	7/18/2012	7+	8/17/2012	8/18/2012	NVI	N	N	Y		239
43	ABOTABAD	HAVALIAN	NW/10/12/034	M	89	9/20/2012	7+	10/13/2012	10/14/2012	NVI	Y	Y	Y		175
44	BUNIR	DAGGAR	NW/22/12/011	F	18	4/2/2012	7+	Late notified			Y	N	Y		346

€ Based on recall of parents

\* Afp.rec Data as of 09-03-2013

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	BUNIR	DAGGAR	NW/22/12/004	F	54	2/8/2012	7+	2/29/2012	3/1/2012	NVI	Y	N	Y	Y	400
46	BUNIR	DAGGAR	NW/22/12/050	M	27	10/27/2012	7+	11/27/2012	11/28/2012	NVI	Y	Y	Y	Y	138
47	BUNIR	DAGGAR	NW/22/12/051	M	30	11/9/2012	7+	11/26/2012	11/28/2012	EV	Y	Y	Y	Y	125
48	CHARSADA	CHARSADA	NW/31/12/058	F	82	9/29/2012	7+	11/8/2012	11/9/2012	EV	Y	Y	Y		166
49	CHARSADA	CHARSADA	NW/31/12/050	M	15	10/1/2012	2	Late notified			Y	Y	Y		164
50	CHARSADA	CHARSADA	NW/31/12/054	M	160	8/14/2012	7+	Late notified			Y	N	Y		212
51	CHITRAL	CHITRAL	NW/21/12/005	M	216	6/12/2012	7+	6/26/2012	6/27/2012	NVI	Y	UK	UK		275
52	DIKHAN	PAHARPUR	NW/60/12/012	M	168	5/8/2012	7+	5/28/2012	5/31/2012	NVI	N	N	Y		310
53	DIRLOWER	TIMERGARA	NW/23/12/041	M	60	10/20/2012	7+	11/9/2012	11/10/2012	NVI	N	Y	Y	Y	145
54	DIRLOWER	SAMAR BAGH	NW/23/12/042	F	15	10/18/2012	7+	11/9/2012	11/10/2012	NVI	Y	Y	Y	Y	147
55	DIRLOWER	TIMERGARA	NW/23/12/040	M	23	10/26/2012	7+	11/2/2012		NVI	N	Y	Y	DIED	139
56	DIRUPPER	WARI	NW/25/12/016	F	18	5/13/2012	7+	6/3/2012	6/4/2012	EV	Y	Y	Y	Y	305
57	HANGU	HANGU	NW/54/12/009	F	24	4/27/2012	7+	5/25/2012	5/26/2012	EV	Y	N	Y	Y	321
58	HANGU	HANGU	NW/54/12/011	F	144	7/17/2012	7+	7/23/2012		EV	Y	N	Y		240
59	HANGU	HANGU	NW/54/12/014	M	90	11/15/2012	7+	Late notified			Y	Y	Y		119
60	HARIPUR	HARIPUR	NW/12/12/006	F	14	5/9/2012	3	Late notified			Y	N	Y		309
61	HARIPUR	HARIPUR	NW/12/12/018	F	36	9/13/2012	7+	10/15/2012	10/17/2012	NVI	Y	Y	Y		182
62	HARIPUR	HARIPUR	NW/12/12/014	M	44	8/4/2012	7+	9/12/2012	9/13/2012	NVI	N	N	Y		222
63	HARIPUR	GHAZI	NW/12/12/019	F	6	10/2/2012	7+	10/16/2012	10/18/2012	EV	N	Y	Y		163
64	HARIPUR	HARIPUR	NW/12/12/022	M	26	11/18/2012	7+	12/19/2012	12/20/2012	VACC	Y	N	Y		116
65	HARIPUR	HARIPUR	NW/12/12/021	F	24	10/17/2012	7+	11/8/2012	11/9/2012	NVI	Y	Y	Y		148
66	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	256
67	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	191
68	KARAK	KARAK	NW/51/12/010	F	8	7/13/2012	7+	7/13/2012		NVI	N	N	Y	Y	244
69	KHYBER	BARA	NW/34/12/007	M	12	2/3/2012	7+	2/22/2012	2/23/2012	NVI	N	Y	Y	Y	405
70	KHYBER	TIRAH	NW/34/12/015	M	19	3/7/2012	0	3/28/2012	3/29/2012	NVI	Y	Y	Y	Y	372
71	KHYBER	BARA	NW/34/12/020	F	22	3/18/2012	0	Late notified			Y	Y	Y		361
72	KHYBER	BARA	NW/34/12/023	M	9	3/9/2012	5	Late notified			Y	Y	UK	Y	370
73	KHYBER	BARA	NW/34/12/029	M	9	8/20/2012	3	9/5/2012	9/6/2012	EV	Y	Y	UK		206
74	KHYBER	BARA	NW/34/12/028	M	156	8/9/2012	0	8/24/2012	8/26/2012	NVI	Y	N	Y		217
75	KHYBER	BARA	NW/34/12/033	M	11	6/1/2012	0	Late notified			Y	Y	Y	Y	286
76	KHYBER	BARA	NW/34/12/036	M	6	10/22/2012	0	11/4/2012	11/6/2012	VACC	Y	Y	Y		143
77	KHYBER	JAMRUD	NW/34/12/035	F	72	10/28/2012	7+	10/31/2012	11/20/2012	NVI	Y	N	Y		137
78	KHYBER	BARA	NW/34/12/038	F	24	11/8/2012	0	11/29/2012		NVI	Y	Y	Y		126
79	KHYBER	BARA	NW/34/12/041	M	18	10/27/2012	7+	12/7/2012	12/9/2012	EV	Y	Y	Y		138
80	KHYBER	LANDI KOTAL	NW/34/12/043	F	66	11/30/2012	7+	12/25/2012	12/26/2012	NVI	Y	Y	Y		104
81	KHYBER	JAMRUD	NW/34/12/039	F	15	11/2/2012	0	12/8/2012	12/10/2012	NVI	UK	Y	UK		132
82	KOHAT	KOHAT	NW/50/12/009	M	10	2/10/2012	6	3/23/2012	3/24/2012	NVI	Y	Y	Y	Y	398
83	KOHAT	LACHI	NW/50/12/030	F	137	10/25/2012	7+	11/13/2012	11/14/2012	NVI	Y	Y	Y		140
84	KOHISTAN	PATTAN	NW/13/12/006	F	96	6/16/2012	7+	Late notified			Y	N	Y		271
85	KOHISTAN	DASSU	NW/13/12/003	F	31	1/17/2012	4	Late notified			Y	Y	Y		422
86	KURRAM	LOWER KURRAM	NW/52/12/006	F	24	1/18/2012	2	2/18/2012	2/19/2012	NVI	N	Y	Y	Y	421
87	LAKKIMRWT	LAKKIMRWT	NW/62/12/022	F	7	5/12/2012	6	6/6/2012	6/7/2012	NVI	Y	Y	Y	Y	306
88	LAKKIMRWT	LAKKIMRWT	NW/62/12/006	M	18	1/8/2012	7+	2/14/2012	2/15/2012	EV	Y	Y	Y	Y	431

€ Based on recall of parents

\* Afp.rec Data as of 09-03-2013

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	LAKKIMRWT	LAKKIMRWT	NW/62/12/041	F	11	8/16/2012	7+	10/7/2012	10/8/2012	EV	Y	Y	Y	Y	210
90	LAKKIMRWT	LAKKIMRWT	NW/62/12/042	F	7	9/20/2012	6	10/22/2012	10/23/2012	VACC	Y	Y	Y	Y	175
91	LAKKIMRWT	LAKKIMRWT	NW/62/12/052	M	4	10/17/2012	5	11/29/2012	11/30/2012	NVI	N	Y	Y	Y	148
92	LAKKIMRWT	LAKKIMRWT	NW/62/12/060	M	12	12/10/2012	7+	12/24/2012		NVI	Y	N	Y	DIED	94
93	MALAKAND	BATKHELA	NW/20/12/009	M	51	3/21/2012	7+	4/3/2012		EV	Y	N	Y		358
94	MANSEHRA	MANSEHRA	NW/14/12/027	M	65	8/4/2012	7+	9/6/2012	9/8/2012	EV	Y	N	Y		222
95	MANSEHRA	MANSEHRA	NW/14/12/030	M	70	8/6/2012	7+	9/9/2012	9/10/2012	EV	Y	Y	Y		220
96	MARDAN	MARDAN	NW/40/12/035	M	19	4/5/2012	7+	5/3/2012	5/5/2012	EV	Y	Y	Y	Y	343
97	MARDAN	TAKHT BHAI	NW/40/12/042	M	5	5/4/2012	6	5/30/2012	6/1/2012	NVI	Y	Y	Y	Y	314
98	MARDAN	MARDAN	NW/40/12/067	F	48	7/15/2012	7+	8/25/2012	8/26/2012	EV	N	N	Y	Y	242
99	MARDAN	TAKHT BHAI	NW/40/12/070	M	37	8/6/2012	7+	8/25/2012	8/27/2012	NVI	Y	Y	Y	Y	220
100	MARDAN	TAKHT BHAI	NW/40/12/100	M	24	10/13/2012	7+	11/2/2012	11/4/2012	NVI	Y	Y	Y	Y	152
101	MARDAN	MARDAN	NW/40/12/118	F	11	11/18/2012	7+	12/23/2012	12/24/2012	VACC	Y	N	N	Y	116
102	MARDAN	MARDAN	NW/40/12/120	F	17	8/26/2012	7+	Late notified			Y	Y	Y	Y	200
103	MARDAN	TAKHT BHAI	NW/40/12/114	F	4	11/28/2012	6	12/24/2012	12/25/2012	NVI	Y	N	Y		106
104	MOHMAND	SAFI	NW/35/12/018	F	84	12/1/2012	7+	Late notified			N	N	N	Y	103
105	NOWSHERA	NOWSHERA	NW/32/12/023	M	36	6/8/2012	7+	6/30/2012	7/2/2012	NVI	N	Y	Y		279
106	ORAKZAI	CENTRAL ORAKZAI	NW/53/12/002	M	16	6/15/2012	0	7/19/2012	7/21/2012	EV	Y	Y	Y		272
107	ORAKZAI	CENTRAL ORAKZAI	NW/53/12/003	F	22	9/2/2012	4	10/4/2012	10/5/2012	VACC	N	N	Y		193
108	PESHAWAR	PESHAWAR	NW/30/12/015	F	13	2/8/2012	7+	3/8/2012	3/10/2012	NVI	UK	Y	UK		400
109	PESHAWAR	PESHAWAR	NW/30/12/038	M	64	5/8/2012	7+	5/29/2012	5/30/2012	NVI	N	N	Y		310
110	PESHAWAR	PESHAWAR	NW/30/12/019	M	20	2/28/2012	7+	3/31/2012	4/1/2012	NVI	Y	Y	Y	Y	380
111	PESHAWAR	PESHAWAR	NW/30/12/044	F	119	6/4/2012	7+	6/14/2012		NVI	Y	N	N		283
112	PESHAWAR	PESHAWAR	NW/30/12/042	M	66	5/18/2012	7+	6/10/2012	6/12/2012	NVI	Y	Y	UK		300
113	PESHAWAR	PESHAWAR	NW/30/12/049	F	13	6/8/2012	7+	6/26/2012	6/27/2012	EV	N	Y	Y		279
114	PESHAWAR	PESHAWAR	NW/30/12/061	M	18	7/18/2012	7+	8/9/2012	8/10/2012	EV	Y	N	Y		239
115	PESHAWAR	PESHAWAR	NW/30/12/073	M	12	8/10/2012	7+	9/15/2012	9/17/2012	EV	Y	Y	Y		216
116	PESHAWAR	PESHAWAR	NW/30/12/074	F	30	8/7/2012	7+	9/16/2012	9/17/2012	NVI	Y	N	Y		219
117	PESHAWAR	FR PESHAWAR	NW/30/12/085	M	14	10/6/2012	7+	10/23/2012	10/25/2012	EV	N	Y	Y		159
118	PESHAWAR	PESHAWAR	NW/30/12/088	M	3	9/29/2012	4	11/5/2012	11/6/2012	NVI	Y	Y	Y		166
119	SWAT	MATTA	NW/24/12/022	M	52	8/5/2012	7+	8/25/2012	8/27/2012	NVI	Y	Y	N		221
120	SWAT	MATTA	NW/24/12/026	F	36	8/12/2012	7+	8/28/2012	8/29/2012	NVI	Y	Y	N		214
121	SWAT	SWAT	NW/24/12/028	M	12	8/22/2012	7+	9/11/2012	9/12/2012	EV	N	N	N		204
122	SWAT	SWAT	NW/24/12/033	F	72	9/10/2012	0	9/28/2012	9/29/2012	NVI	Y	N	N		185
123	SWAT	MATTA	NW/24/12/041	F	24	11/22/2012	0	12/7/2012	12/8/2012	NVI	UK	UK	N		112
124	TANK	TANK	NW/63/12/005	F	72	5/3/2012	7+	5/18/2012	5/20/2012	NVI	N	Y	Y		315
125	TANK	TANK	NW/63/12/011	M	24	6/22/2012	7+	7/25/2012	7/26/2012	NVI	Y	Y	Y		265
126	TANK	TANK	NW/63/12/012	M	18	6/29/2012	7+	7/29/2012	7/30/2012	EV	Y	Y	Y		258
127	TANK	TANK	NW/63/12/009	M	60	5/20/2012	7+	7/4/2012	7/5/2012	NVI	N	Y	UK		298
128	TANK	TANK	NW/63/12/010	F	48	7/4/2012	7+	7/19/2012	7/22/2012	EV	N	N	Y		253
129	TORGHAR	TORGHAR	NW/15/12/002	F	96	4/15/2012	0	5/9/2012	5/10/2012	NVI	Y	Y	Y		333
130	TORGHAR	TORGHAR	NW/15/12/010	M	72	11/16/2012	7+	Late notified			Y	Y	Y		118
131	WAZIR-N	MIRAN SHAH	NW/64/12/008	M	24	2/29/2012	0	4/10/2012	4/11/2012	NVI	Y	Y	Y	Y	379
132	DBUGTI	DERA BUGTI	BN/35/12/004	F	9	11/21/2012	3	12/11/2012	12/12/2012	NVI	Y	Y	Y		113

€ Based on recall of parents

\* Afp.rec Data as of 09-03-2013

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	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
133	MUZAFFARABAD	PATTIKA	AJ/10/12/001	F	24	2/19/2012	7+	2/22/2012		NVI	N	N	Y	DIED	389

€ Based on recall of parents  
 \* Afp.rec Data as of 09-03-2013

FUP = Residual Weakness at 60 days follow up.