



**World Health  
Organization**

# **Weekly AFP Surveillance Update Pakistan**

**Week 2** (*Ended on 11<sup>th</sup> January, 2014*)

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Federal EPI***

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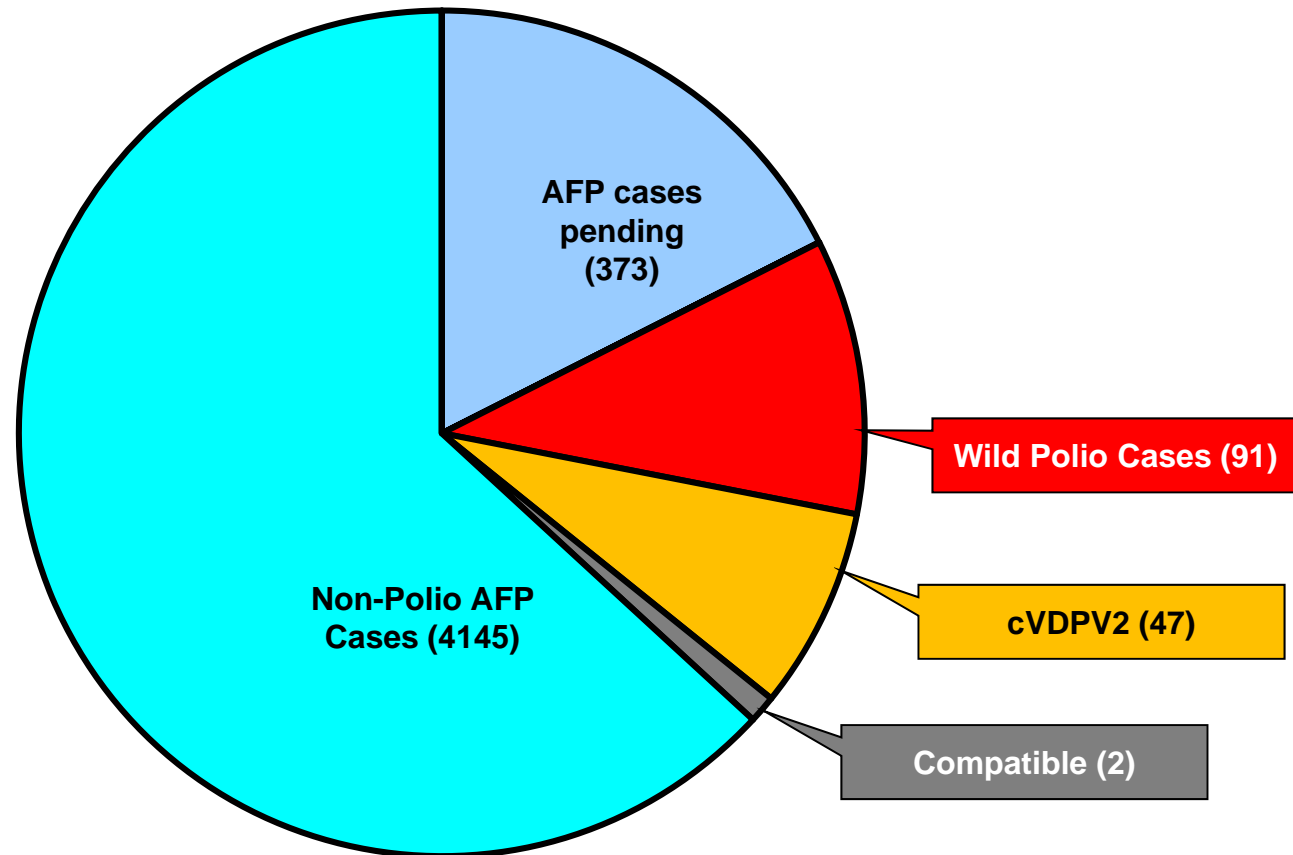
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AFP Surveillance



# AFP Case Profile, 2013\*



**Total AFP Cases Reported = 4658**

**^177 Inadequate cases pending classification by ERC;  
^102 Inadequate cases not due for FUP  
^94 Pending in the Lab**

## Point in Time 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>	27	10	13	6	26-Oct-13
<b>FATA / FR Areas</b>	20	65	6	5	28-Dec-13
<b>Sindh</b>	4	9	4	6	11-Dec-13
<b>Balochistan</b>	4	-	2	-	02-Oct-12
<b>Punjab</b>	2	7	2	5	12-Dec-13
<b>Gilgit-Baltistan</b>	1	-	1	-	06-Aug-12
<b>Pakistan</b>	<b>58</b>	<b>91</b>	<b>28</b>	<b>22</b>	<b>28-Dec-13</b>

Six additional districts/town declared infected based on environmental samples in 2013

Total polio cases of 2012 are 58

\* Afp.rec Data as of 09-01-2014

§Based on date of onset

**Table 1: List of Confirmed Polio Cases, Pakistan 2013\* (1/5)**

S.NO.	PROVINCE/ REGION	DISTRICT	TEHSIL	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
								Route	SIAs						Cluster
1	SINDH	BIN QASIM	BIN QASIM	SD/62/13/001	M	24	14-Jan-13	0	0	N	Y	Y	Y	NSL1	R4B
2	KP	BANNU	BANNU	NW/61/13/002	M	13	26-Jan-13	0	0	Y	N	Y	Y	NSL1	R4B
3	PUNJAB	MIWANWALI	ISAKHEL	PB/43/13/005	F	36	07-Feb-13	3	7+	Y	N	Y	N	NSL1	R4B
4	KP	MALAKAND	DARGAI	NW/20/13/006	F	3	08-Feb-13	2	2	Y	N	Y	N	NSL1	R4B
5	KP	MARDAN	MARDAN	NW/40/13/009	M	30	12-Feb-13	3	7+	Y	N	Y	N	NSL1	R4B
6	SINDH	DADU	MEHAR	SD/24/13/006	F	15	22-Mar-13	0	2	Y	N	Y	N	NSL1	R2B
7	KP	MARDAN	MARDAN	NW/40/13/026	M	8	22-Apr-13	0	0	Y	Y	Y	Y	NSL1	R4B
8	FATA	KHYBER\$	BARA	FT/34/13/008	M	10	24-Apr-13	2	4	Y	Y	N	N	NSL1	R4B
9	FATA	FR BANNU	FR BANNU	FT/69/13/001	M	16	03-May-13	0	3	Y	Y	Y	Y	NSL1	R4B
10	FATA	KHYBER\$	BARA	FT/34/13/010	M	8	10-May-13	0	0	Y	Y	Y	N	NSL1	R4B
11	FATA	KHYBER\$	BARA	FT/34/13/013	M	24	11-May-13	2	3	Y	N	Y	N	NSL1	R4B
12	FATA	KHYBER\$	BARA	FT/34/13/011	M	23	14-May-13	0	2	Y	Y	Y	N	NSL1	R4B
13	FATA	KHYBER\$	BARA	FT/34/13/012	M	4	16-May-13	0	0	Y	N	Y	N	NSL1	R4B
14	FATA	FR BANNU	FR BANNU	FT/69/13/002	F	22	19-May-13	0	7+	Y	N	Y	N	NSL1	R4B
15	FATA	KHYBER\$	BARA	FT/34/13/014	M	30	20-May-13	0	0	Y	N	Y	N	NSL1	R4A
16	FATA	WAZIR-N\$	MIR ALI	FT/64/13/010	M	9	24-May-13	0	0	Y	Y	Y	N	NSL1	R4B
17	PUNJAB	MBDIN	MALIKWAL	PB/24/13/013	F	96	26-May-13	3	7+	Y	Y	Y	N	NSL1	R4B
18	FATA	KHYBER\$	BARA	FT/34/13/015	M	15	06-June-13	0	0	Y	Y	Y	N	NSL1	R4B
19	FATA	WAZIR-N\$	MIR ALI	FT/64/13/014	F	11	15-June-13	0	0	Y	Y	Y	N	NSL1	R4B
20	FATA	KHYBER\$	BARA	FT/34/13/019	F	12	23-June-13	0	0	Y	N	Y	N	NSL1	R4B
21	KP	PESHAWAR	PESHAWAR	KP/30/13/042	M	12	30-June-13	0	0	Y	N	Y	Y	NSL1	R4B
22	FATA	KHYBER\$	BARA	FT/34/13/020	F	12	03-July-13	0	0	N	N	Y	N	NSL1	R4B

\$ Security compromised area

\* Afp.rec Data as of 09-01-2014

**Table 1.1: List of Confirmed Polio Cases, Pakistan 2013\* (2/5)**

S.NO.	PROVINCE/ REGION	DISTRICT	TEHSIL	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
								Route	SIAs						Cluster
23	SINDH	KHIGADDAP	GADDAP	SD/63/13/015	F	12	09-July-13	3	6	Y	Y	Y	N	NSL1	R4B
24	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/018	F	18	13-July-13	0	0	Y	Y	Y	N	NSL1	R4B
25	FATA	FR BANNU	FR BANNU	FT/69/13/006	M	18	27-July-13	0	7+^	Y	N	Y	N	NSL1	R4B
26	FATA	WAZIR-N\$	MIR ALI	FT/64/13/032	F	21	05-Aug-13	0	0	Y	Y	Y	N	NSL1	R4B
27	FATA	WAZIR-N\$	RAZMAK	FT/64/13/033	M	11	11-Aug-13	0	0	Y	Y	Y	N	NSL1	R4B
28	KP	KOHAT	KOHAT	KP/50/13/017	F	10	19-Aug-13	0	5	Y	Y	Y	N	NSL1	R4B
29	FATA	WAZIR-N\$	RAZMAK	FT/64/13/044	M	8	24-Aug-13	0	0	Y	N	Y	N	NSL1	R4B
30	FATA	FR DIKHAN	FR DIKHAN	FT/68/13/001	M	36	26-Aug-13	1	1	Y	N	Y	N	NSL1	R4B
31	FATA	KHYBER\$	BARA	FT/34/13/027	F	13	30-Aug-13	0	2	Y	Y	Y	N	NSL1	R4A
32	FATA	KHYBER\$	LANDI KOTAL	FT/34/13/028	M	18	30-Aug-13	0	0	Y	Y	Y	N	NSL1	R4A
33	KP	PESHAWAR	PESHAWAR	KP/30/13/068	M	6	31-Aug-13	0	0	Y	Y	Y	N	NSL1	R4B
34	FATA	WAZIR-N\$	MIR ALI	FT/64/13/050	F	13	01-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
35	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/051	F	11	05-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
36	FATA	KHYBER\$	LANDI KOTAL	FT/34/13/032	F	8	05-Sep-13	0	4	Y	Y	Y	N	NSL1	R4A
37	FATA	WAZIR-N\$	RAZMAK	FT/64/13/053	F	17	06-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
38	FATA	WAZIR-N\$	MIR ALI	FT/64/13/055	F	7	08-Sep-13	1	0	Y	Y	Y	N	NSL1	R4B
39	KP	SWABI	SWABI	KP/41/13/037	F	2	10-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
40	FATA	KHYBER\$	BARA	FT/34/13/029	M	11	10-Sep-13	3	7+	Y	Y	Y	N	NSL1	R4B
41	FATA	WAZIR-N\$	MIR ALI	FT/64/13/056	M	10	10-Sep-13	3	0	Y	Y	Y	N	NSL1	R4B
42	SINDH	KHIGADAP	GADAP	SD/63/13/022	M	12	19-Sep-13	0	6^	Y	Y	Y	N	NSL1	R4B
43	FATA	WAZIR-N\$	MIR ALI	FT/64/13/068	F	16	20-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
44	FATA	WAZIR-N\$	MIR ALI	FT/64/13/069	F	12	20-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 09-01-2014

**Table 1.2: List of Confirmed Polio Cases, Pakistan 2013\* (3/5)**

S.NO.	PROVINCE/ REGION	DISTRICT	TEHSIL	EPID NO.	SEX	AGE (m)	DATE ONSET OF PARALYSIS	NO. OPV DOSES (based on parents recall)		FEVER	Asymmetric Paralysis	Rapid Progression	REFUSAL	W/PV TYPE	GENETICS
								Route	SA's						Cluster
45	FATA	FR BANNU	FR BANNU	FT/69/13/013	F	12	22-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
46	FATA	KHYBER\$	BARA	FT/34/13/030	M	15	24-Sep-13	3	0	Y	Y	Y	N	NSL1	R4B
47	KP	PESHAWAR	PESHAWAR	KP/30/13/079	M	8	24-Sep-13	3	7^	Y	N	Y	N	NSL1	R4B
48	FATA	KHYBER\$	BARA	FT/34/13/033	M	30	26-Sep-13	3	3	Y	Y	Y	N	NSL1	R4A
49	FATA	WAZIR-N\$	MIR ALI	FT/64/13/071	M	8	26-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
50	PUNJAB	SHEIKUPURA	MURIDKE	PB/33/13/057	M	12	26-Sep-13	0	2	Y	N	Y	N	NSL1	R4B
51	FATA	FR BANNU	FR BANNU	FT/69/13/016	F	24	28-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
52	FATA	WAZIR-N\$	MIR ALI	FT/64/13/074	F	37	28-Sep-13	0	0	Y	Y	Y	N	NSL1	R4B
53	FATA	FR BANNU	FR BANNU	FT/69/13/017	M	11	01-Oct-13	0	0	Y	Y	Y	N	NSL1	R4B
54	SINDH	KASHMORE	TANGWANI	SD/54/13/010	F	10	03-Oct-13	2	5	N	N	N	N	NSL1	R3B
55	FATA	KHYBER\$	LANDI KOTAL	FT/34/13/036	M	12	05-Oct-13	0	7^	Y	Y	Y	N	NSL1	R4B
56	PUNJAB	TTSINGH	KAMALIA	PB/52/13/045	M	9	09-Oct-13	3	4	Y	N	Y	N	NSL1	R4B
57	FATA	WAZIR-N\$	MIR ALI	FT/64/13/084	F	18	09-Oct-13	0	0	Y	Y	Y	N	NSL1	R4B
58	FATA	WAZIR-N\$	RAZMAK	FT/64/13/083	M	15	11-Oct-13	0	0	Y	Y	Y	N	NSL1	R4B
59	FATA	WAZIR-N\$	MIR ALI	FT/64/13/087	F	13	14-Oct-13	0	0	Y	Y	Y	N	NSL1	R4B
60	FATA	KHYBER\$	BARA	FT/34/13/040	M	9	15-Oct-13	0	0	Y	Y	Y	N	NSL1	R4A
61	FATA	WAZIR-N\$	MIR ALI	FT/64/13/086	M	15	16-Oct-13	0	0	Y	Y	Y	N	NSL1	R4B
62	SINDH	BIN QASIM	BIN QASIM	SD/62/13/011	M	8	18-Oct-13	3	1	Y	Y	Y	N	NSL1	R4B
63	PUNJAB	TTSINGH	KAMALIA	PB/52/13/046	F	13	21-Oct-13	1	5	Y	Y	Y	N	NSL1	R4B
64	PUNJAB	SAHIWAL	SAHIWAL	PB/65/13/047	M	15	21-Oct-13	3	6	Y	N	Y	N	NSL1	R4B
65	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/093	M	24	25-Oct-13	0	0	Y	Y	Y	N	NSL1	R4B
66	KP	PESHAWAR	PESHAWAR	KP/30/13/088	M	9	26-Oct-13	0	7^	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 09-01-2014

**Table 1.3: List of Confirmed Polio Cases, Pakistan 2013\* (4/5)**

S.NO.	PROVINCE/ REGION	DISTRICT	TEHSIL	EPID NO.	SEX	AGE (m)	DATE ONSET OF PARALYSIS	NO. OPV DOSES (based on parents recall)		FEVER	Asymmetric Paralysis	Rapid Progression	REFUSAL	W/PV TYPE	GENETICS
								Route	SIA's						Cluster
67	FATA	KHYBER\$	LANDI KOTAL	FT/34/13/046	M	16	01-Nov-13	0	7^	Y	Y	Y	N	NSL1	R4B
68	FATA	FR BANNU	FR BANNU	FT/69/13/023	M	14	04-Nov-13	0	0	Y	Y	Y	N	NSL1	R4B
69	FATA	KHYBER\$	LANDI KOTAL	FT/34/13/047	M	12	06-Nov-13	0	0	Y	N	Y	N	NSL1	R4A
70	SINDH	BALDIA	BALDIA	SD/61/13/011	F	4	09-Nov-13	0	0	Y	N	Y	N	NSL1	R4B
71	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/107	F	24	11-Nov-13	0	0	Y	N	Y	N	NSL1	R4B
72	FATA	WAZIR-N\$	MIR ALI	FT/64/13/109	M	24	12-Nov-13	0	0	Y	Y	Y	N	NSL1	R4B
73	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/113	M	12	15-Nov-13	0	0	Y	Y	Y	N	NSL1	R4B
74	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/106	F	36	16-Nov-13	0	0	Y	N	Y	N	NSL1	R4B
75	FATA	WAZIR-N\$	MIR ALI	FT/64/13/116	M	11	26-Nov-13	0	0	Y	Y	Y	N	NSL1	R4B
76	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/119	M	11	28-Nov-13	0	0	Y	N	Y	N	NSL1	R4B
77	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/120	F	12	01-Dec-13	1	0	Y	Y	Y	N	NSL1	R4B
78	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/124	M	10	04-Dec-13	0	0	Y	Y	Y	N	NSL1	R4B
79	FATA	WAZIR-S\$	WANA	FT/65/13/014	F	12	04-Dec-13	0	0	Y	Y	Y	N	NSL1	
80	FATA	WAZIR-N\$	MIR ALI	FT/64/13/125	F	18	08-Dec-13	0	0	Y	N	Y	N	NSL1	R4B
81	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/126	F	18	09-Dec-13	0	0	Y	Y	Y	N	NSL1	
82	FATA	WAZIR-N\$	MIR ALI	FT/64/13/127	M	24	10-Dec-13	0	0	Y	Y	Y	N	NSL1	
83	PUNJAB	TTSINGH	KAMALIA	PB/52/13/058	M	14	12-Dec-13	3	7^	Y	N	Y	N	NSL1	R4B
84	SINDH	KHIGIQBAL	G-IQBAL	SD/65/13/017	F	13	11-Dec-13	2	7^	Y	Y	Y	N	NSL1	
85	FATA	WAZIR-S\$	LADHA	FT/65/13/015	M	15	16-Dec-13	0	0	Y	Y	Y	N	NSL1	
86	SINDH	BALDIA	BALDIA	SD/61/13/012	M	24	10-Dec-13	2	4	Y	Y	Y	N	NSL1	
87	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/131	M	24	16-Dec-13	0	0	Y	Y	Y	N	NSL1	
88	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/132	M	15	22-Dec-13	0	0	Y	Y	Y	N	NSL1	

\$ Security compromised area

**New Case**

^Under investigation

\* Afp.rec Data as of 09-01-2014

**Table 1.3: List of Confirmed Polio Cases, Pakistan 2013\* (5/5)**

S.NO.	PROVINCE/ REGION	DISTRICT	TEHSIL	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
								Routi ne	SIA's						Cluster
89	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/133	M	18	22-Dec-13	0	0	Y	Y	Y	N	NSL1	
90	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/134	F	18	26-Dec-13	0	0	Y	Y	Y	N	NSL1	
91	FATA	KHYBER\$	BARA	FT/34/13/055	M	15	28-Dec-13	3	0	Y	Y	Y	N	NSL1	

\$ Security compromised area

**New Case**

^Under investigation

\* Afp.rec Data as of 09-01-2014



## **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	%	n	n	%
January	333	275	0	0	19	6	37	11%	2	333	100%
February	330	285	0	0	16	5	26	8%	3	330	100%
March	308	248	0	0	7	2	52	17%	1	308	100%
April	352	244	0	0	22	6	84	24%	2	352	100%
May	419	304	0	0	15	4	91	22%	9	419	100%
June	469	326	0	0	21	4	118	25%	4	469	100%
July	391	239	0	0	13	3	135	35%	4	391	100%
August	459	292	0	0	24	5	135	29%	8	459	100%
September	466	297	0	0	32	7	119	26%	19	467	100%
October	407	307	0	0	25	6	63	15%	14	409	100%
November	373	271	2	0	27	7	64	17%	10	372	100%
December	346	164	114	0	16	5	39	11%	15	234	68%
Pakistan	4653	3252	116	0	237	5	963	21%	91	4543	98%

\* Data as of 13-01-2014

## Table 3: Urgent / ITD Pending Cases

S. #	District	Tehsil	Basic information						OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks	
			Union council	Epid number	Date of Onset	Age (M)	Sex	Date of 1st stool	Stool Adeq	Ri	SIAs	Last 6 SIAs	Last dose	By Field		By NSC%	Lab No.	Days Inoc		Culture update
<b>Isolates pending for ITSD</b>																				
1	WAZIR-N *	MIR ALI	MIR ALI 2	FT/64/14/002	03-Jan-14	12	M	06-Jan-14	Y	0	0	0		Y		POIJD / TRAUMATIC NEURITIS	016	4	L20B+	
2	DGKHAN	TAUNSA	NARI	PB/81/14/N005		30	M	03-Jan-14	-	-	-	12-Dec-13	-	-			005	2	L20B+	Healthy Nomadic
<b>Reported urgent (by field / NSC% criteria)</b>																				
3	ZHOB	ZHOB	SHAIKHAN	BN/21/13/012	24-Dec-13	4	M	30-Dec-13	Y	2	3	3	25-Nov-13	N	Y	PARAPLEGIA	6058	7	UP	
4	WAZIR-N *	MIRAN SHAH	LAND	FT/64/13/135	27-Dec-13	14	M	04-Jan-14	Y	0	0	0		Y	Y	POIJD	6123	3	UP	
5	WAZIR-N *	MIRAN SHAH	MADA KHEL	FT/64/13/136	30-Dec-13	12	M	05-Jan-14	Y	0	0	0		Y	Y		6124	3	UP	
6	WAZIR-N	MIR ALI	MIR ALI 2	FT/64/14/001	02-Jan-14	14	F	05-Jan-14	Y	0	0	0		Y	Y	POIJD	13	5	UP	
7	WAZIR-N *	MIR ALI	IDAK	FT/64/14/003	03-Jan-14	14	F	06-Jan-14	Y	0	0	0	07-Jan-14	Y	Y	POIJD	028	3	UP	
8	WAZIR-N *	MIRAN SHAH	ANGHAR	FT/64/14/005	05-Jan-14	17	F	07-Jan-14	Y	0	0	0		Y	Y	POIJD	046	3	UP	
9	WAZIR-N *	MIR ALI	SHERATALLA	FT/64/14/006	03-Jan-14	19	F	07-Jan-14	Y	0	0	0		Y	Y		045	3	UP	
10	DGKHAN	DGKHAN	NAWAN	PB/81/13/118	19-Dec-13	8	F	29-Dec-13	Y	1	4	4	12-Dec-13	N	Y	MENINGITIS	6004	11	UP	
11	KHILANDHI *	LANDHI	2	SD/69/13/012	31-Dec-13	25	M	03-Jan-14	Y	0	0	0		Y	N	POIJD / SPINAL MUSCULAR ATROPHY	6121	3	UP	

\* New addition    § New results    #Data not available    † NSC Criteria = Fever , Rapid Progress, Age < 48 months and OPV Doses <7    UP = Under process  
Urgent (Field/NSC) / Inadequate specimens / Age 12-35 months / Zero OPV dose    OPending for genomic sequencing

## Summary of Laboratory data for Environmental Surveillance- Pakistan (Jan 2011 to date) Report for Epidemiological week= 02 (05– 11 Jan, 2014)



- 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
- Mixture WPV1 & VDPV type 2

**SUMMARY**  
 Total Sites = 23  
 Total samples positive for Wild PV (2011-2012-2013) = **283** (136+88+59); all WPV1  
 Samples Positive for VDPV= 1 (Type 2 VDPV from KHI-Gadaap)

## Comparison environmental sampling results 2012-13\*

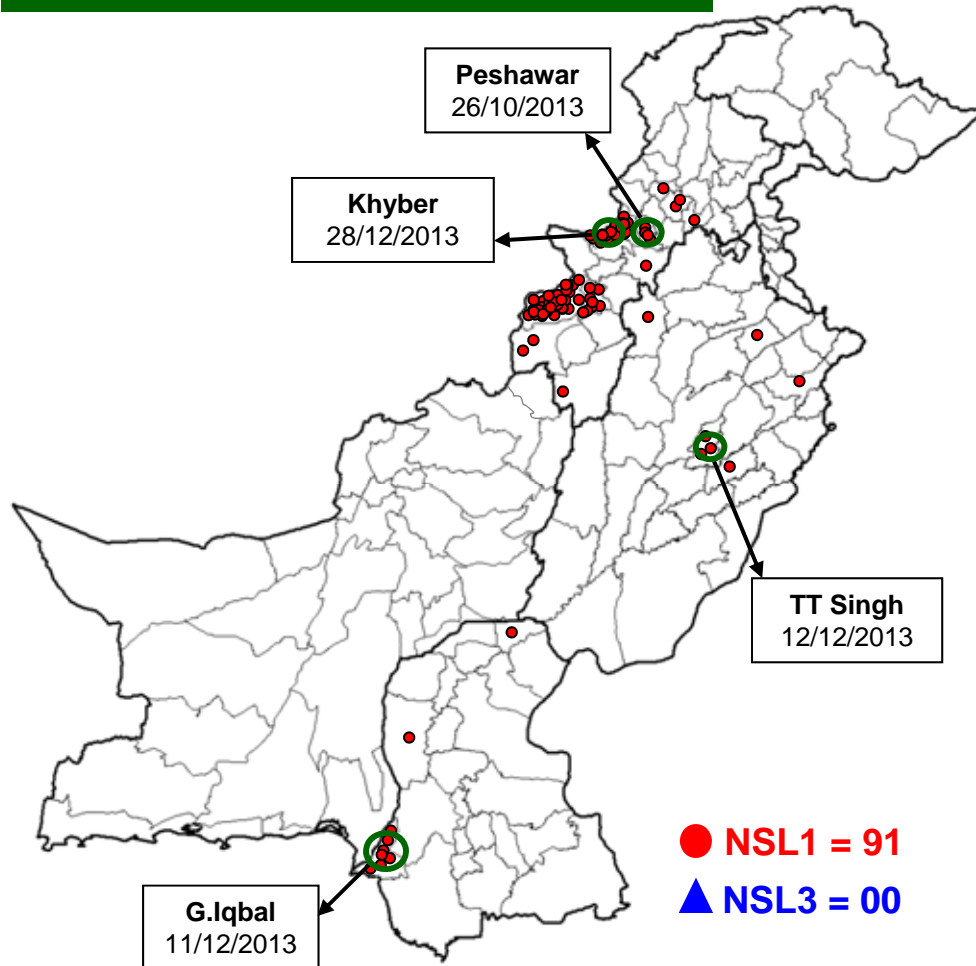
DISTRICT	2012			2013			Last
	TOTAL	WILD		TOTAL	WILD		
	n	n	%	n	n	%	
LAHORE	36	18	50%	60	4	7%	12-Dec-13
MULTAN	36	4	11%	36	2	6%	09-Dec-13
RAWALPINDI	12	7	58%	12	5	42%	25-Nov-13
FAISALABAD	8	1	13%	36	1	3%	03-Jan-13
KHIGIQBAL	24	4	17%	24	4	17%	08-Nov-13
KHIGADAP	24	16	67%	34	13	38%	11-Dec-13
KHIBALDIA	24	1	4%	24	2	8%	27-Nov-13
SUKKUR	17	7	41%	24	0	0%	05-Sep-12
HYDERABAD	6	6	100%	12	7	58%	12-Aug-13
PESHAWAR	24	20	83%	24	20	83%	10-Dec-13
QUETTA	28	4	14%	35	1	3%	20-Feb-13
<b>PAKISTAN</b>	<b>239</b>	<b>88</b>	<b>37%</b>	<b>321</b>	<b>59</b>	<b>18%</b>	<b>12-Dec-13</b>

\* Data as of 09-01-2014

Data source Polio RRL

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

Districts/ Towns with Wild Polio cases = 22



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	Dec, 2013	Jun, 2010	7	-
SINDH	Dec, 2013	Jan, 2010	9	-
KHYBER- PAKHTUNKHWA	Oct, 2013	Oct, 2010	10	-
FATA	Dec, 2013	Apr, 2012	65	-
BALUCHISTAN	Oct, 2012	Apr, 2010	-	-
AJK	-	Jun, 2000	-	-
GILGIT-BALTISTAN	Aug, 2012	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
<b>PAKISTAN</b>	<b>Dec, 2013</b>	<b>Apr, 2012</b>	<b>91</b>	<b>-</b>

○ District with last polio case in province

Cases randomly placed  
in districts

Provincial Boundary  
 Districts Boundary

\* Afp.rec Data as of 09-01-2014



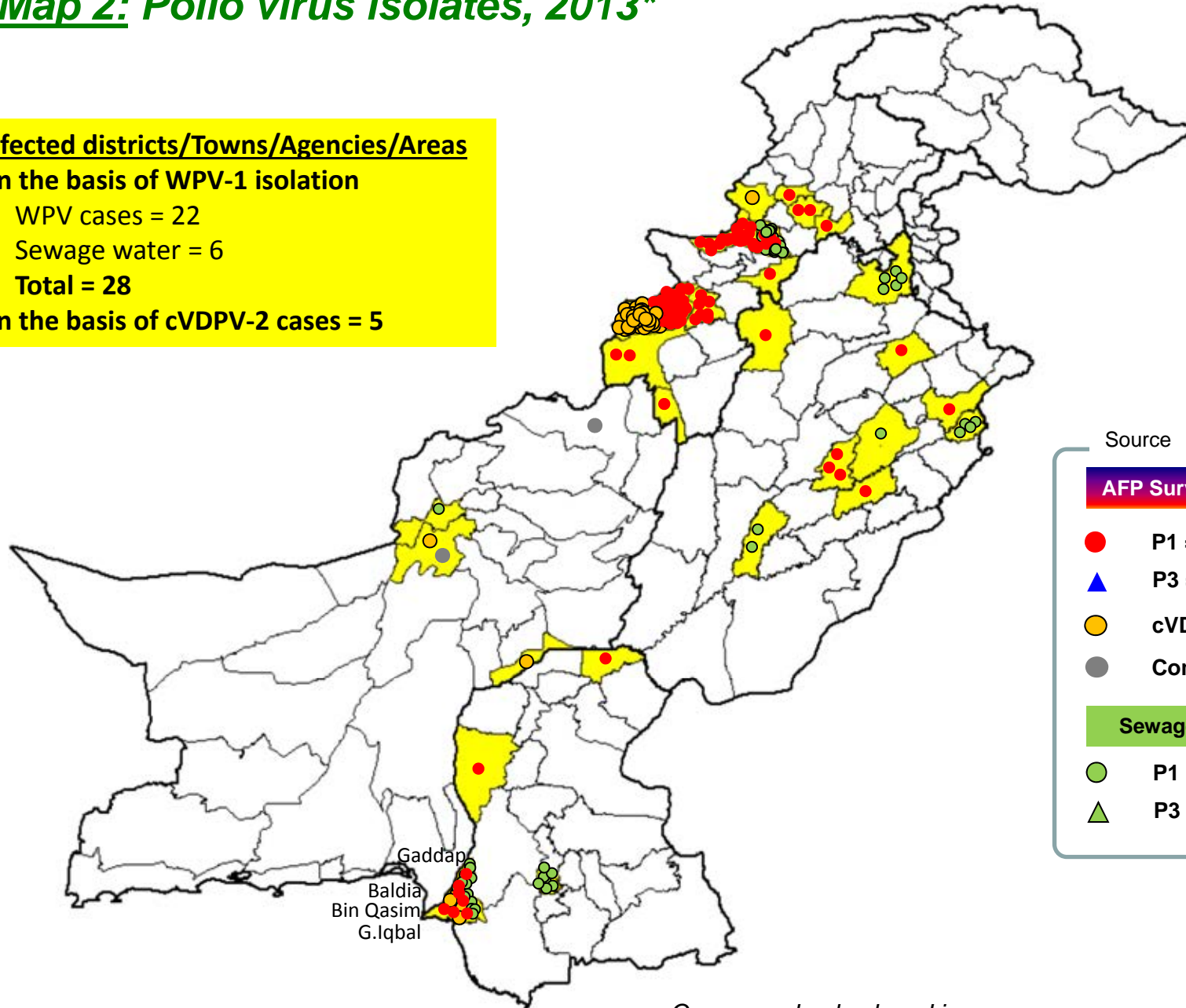
## Map 2: Polio virus isolates, 2013\*

### Infected districts/Towns/Agencies/Areas

#### On the basis of WPV-1 isolation

- WPV cases = 22
- Sewage water = 6
- Total = 28

#### On the basis of cVDPV-2 cases = 5



#### Source

##### AFP Surveillance

- P1 = 91
- ▲ P3 = 0
- cVDPV-2 = 47
- Compatible = 2

##### Sewage water

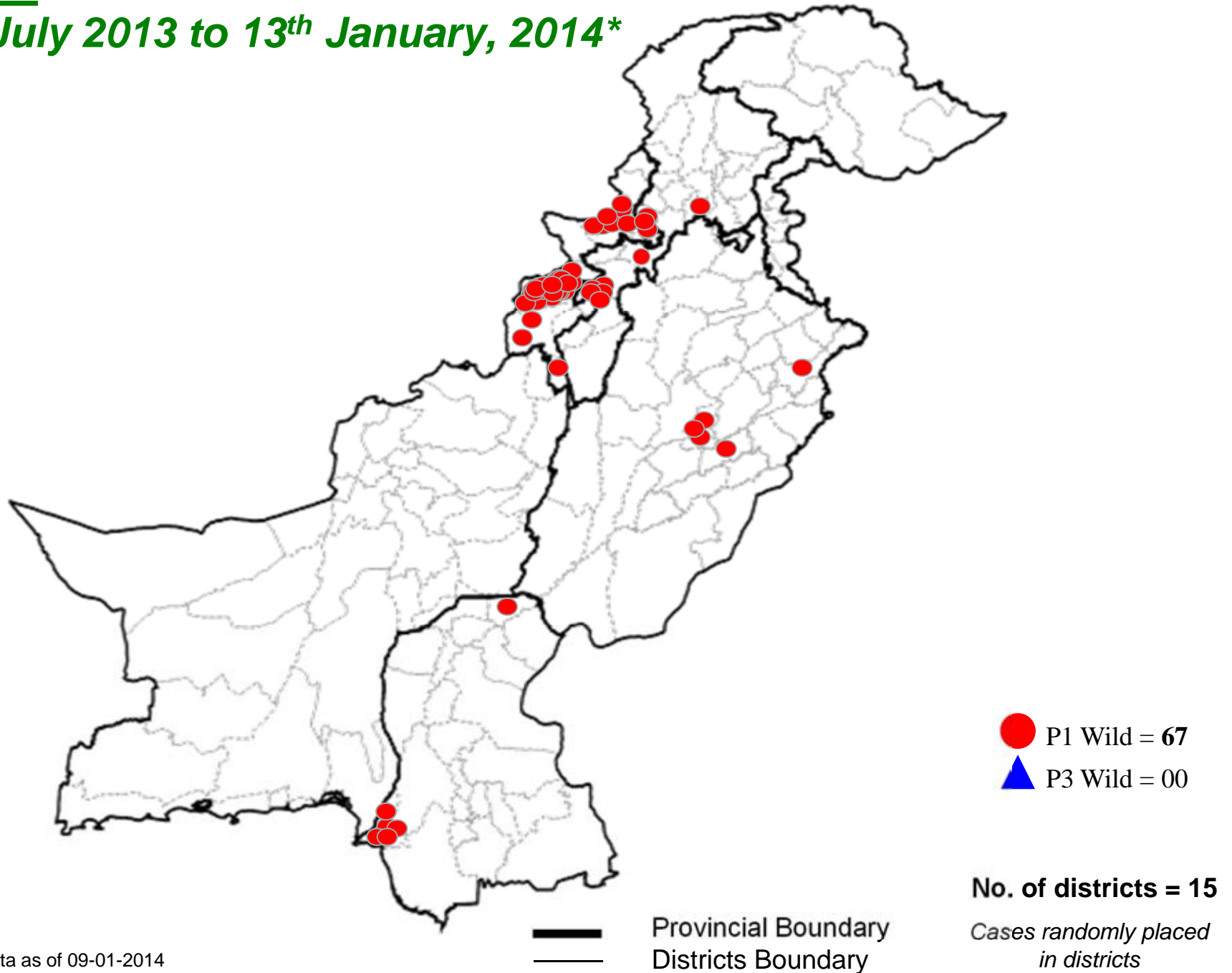
- P1 = 59
- ▲ P3 = 0

*Cases randomly placed in districts*

— Provincial Boundary  
 — Districts Boundary

\* Afp.rec Data as of 09-01-2014

**Map 3: Wild Polio cases in the last 6 months from 14<sup>th</sup> July 2013 to 13<sup>th</sup> January, 2014\***



\* Afp.rec Data as of 09-01-2014

**Table 4: Distribution of AFP Cases By Week of Onset ^  
Pakistan 2013\* [Week number/Ending on]**

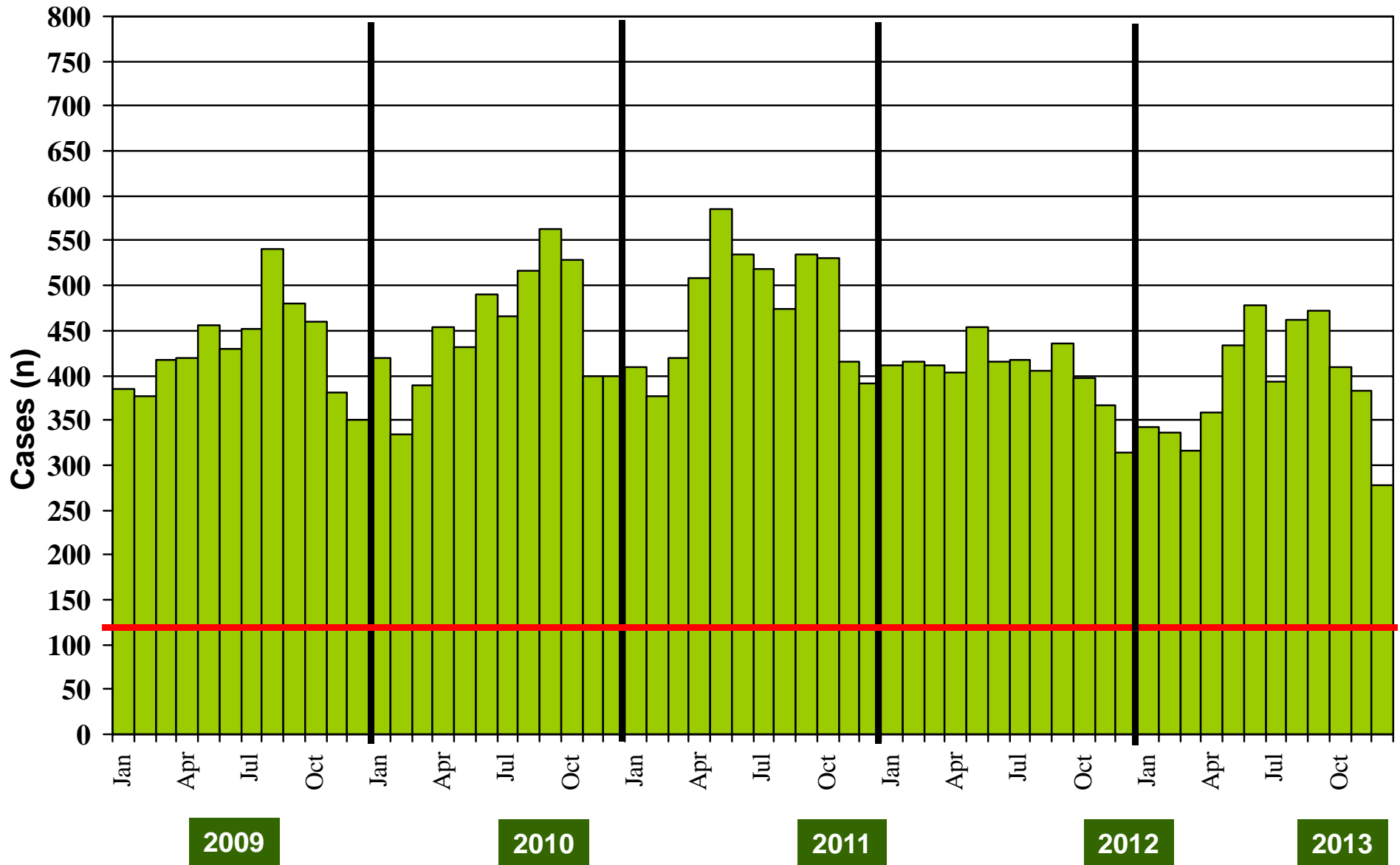
PROVINCE	W 38 21 Sep 2013	W 39 28 Sep 2013	W 40 05 Oct 2013	W 41 12 Oct 2013	W 42 19 Oct 2013	W 43 26 Oct 2013	W 44 02 Nov 2013	W 45 09 Nov 2013	W 46 16 Nov 2013	W 47 23 Nov 2013	W 48 30 Nov 2013	W 49 07 Dec 2013	W 50 14 Dec 2013	W 51 21 Dec 2013	W 52 28 Dec 2013
PUNJAB	55	54	48	26	27	44	45	41	35	41	29	35	40	23	42
SINDH	24	21	27	12	13	22	11	18	18	24	21	16	18	11	15
KP	17	17	26	18	14	23	26	18	18	18	23	18	17	18	19
FATA	12	16	18	11	6	16	10	3	12	7	5	7	5	5	9
BALUCHISTAN	5	4	5	4	2	5	4	5	3	10	3	5	5	2	4
AJK	0	0	0	0	0	1	1	2	0	1	1	2	0	0	1
GILGIT BILTISTAN	0	0	0	0	0	2	0	2	1	0	1	1	0	0	0
ISLAMABAD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<b>PAKISTAN</b>	<b>113</b>	<b>112</b>	<b>125</b>	<b>71</b>	<b>62</b>	<b>113</b>	<b>97</b>	<b>89</b>	<b>87</b>	<b>101</b>	<b>83</b>	<b>84</b>	<b>85</b>	<b>59</b>	<b>90</b>

\* Afp.rec & Afplab.rec: Data as of 09-01-2014

^ MMWR Epidemiological Weeks



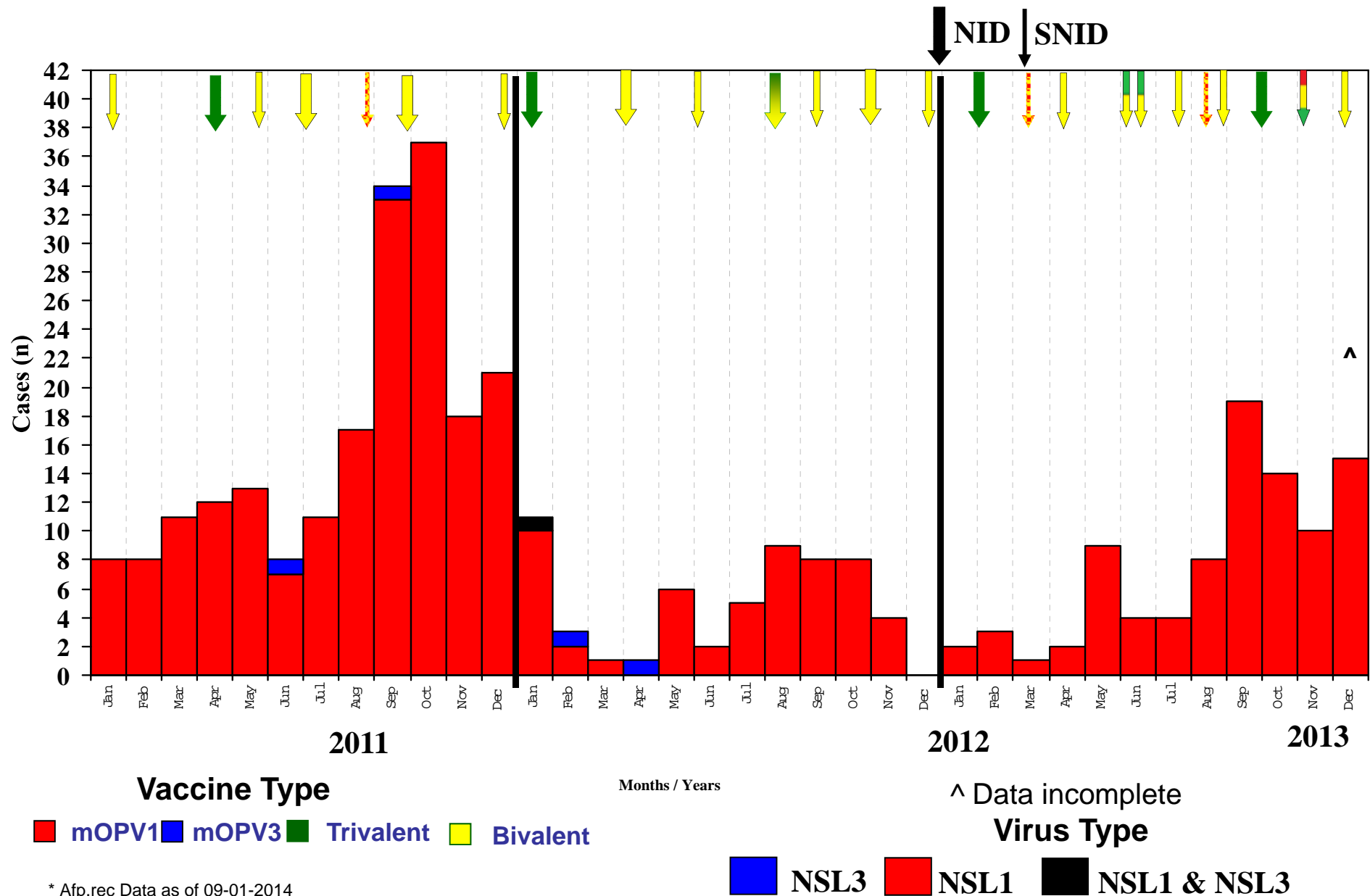
**Graph 1: Distribution of AFP Cases by Month, Pakistan 2009-2013\***



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

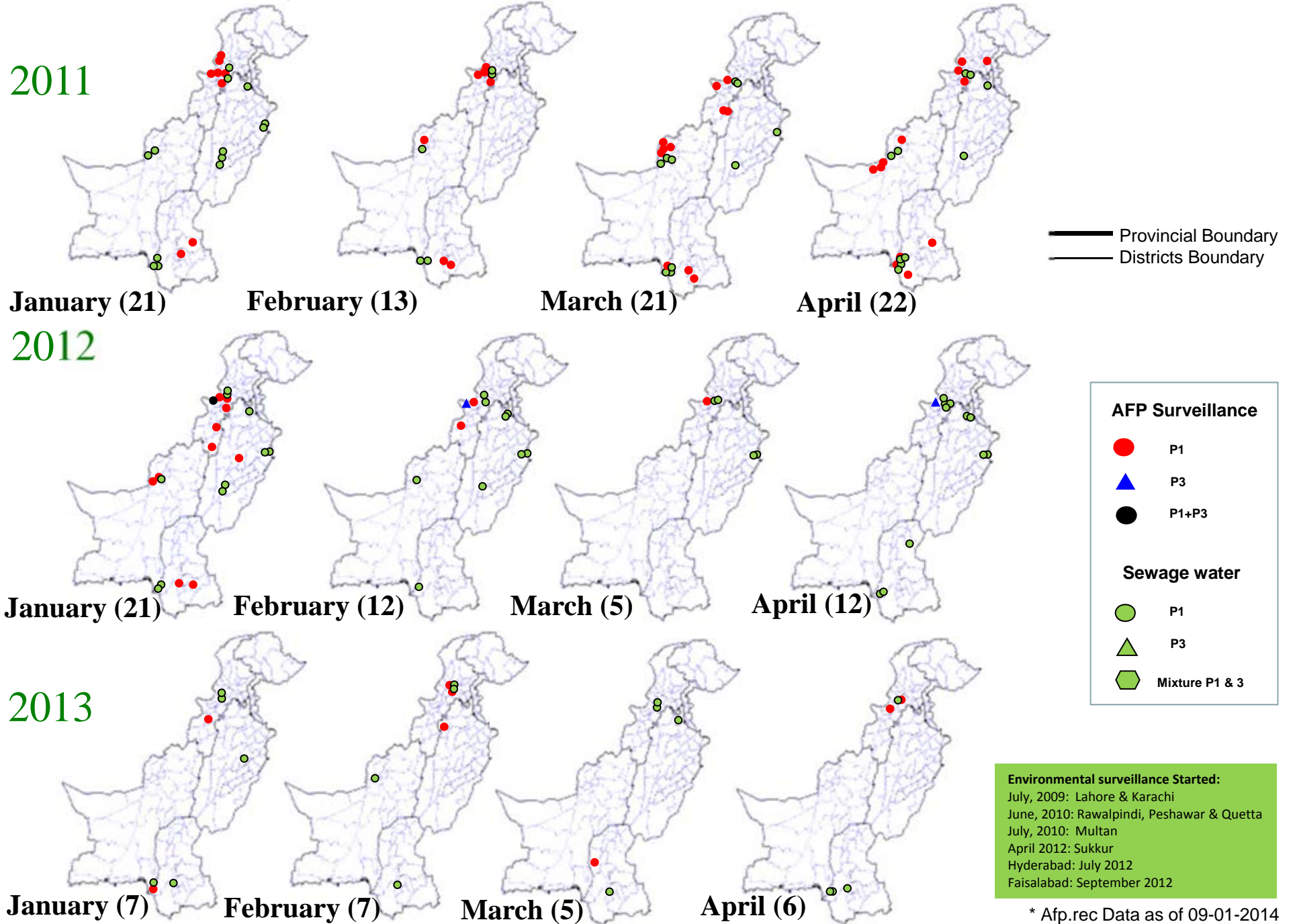
\* Afp.rec Data as of 09-01-2014

# Confirmed Polio Cases By Poliovirus Type, 2011-2013\*



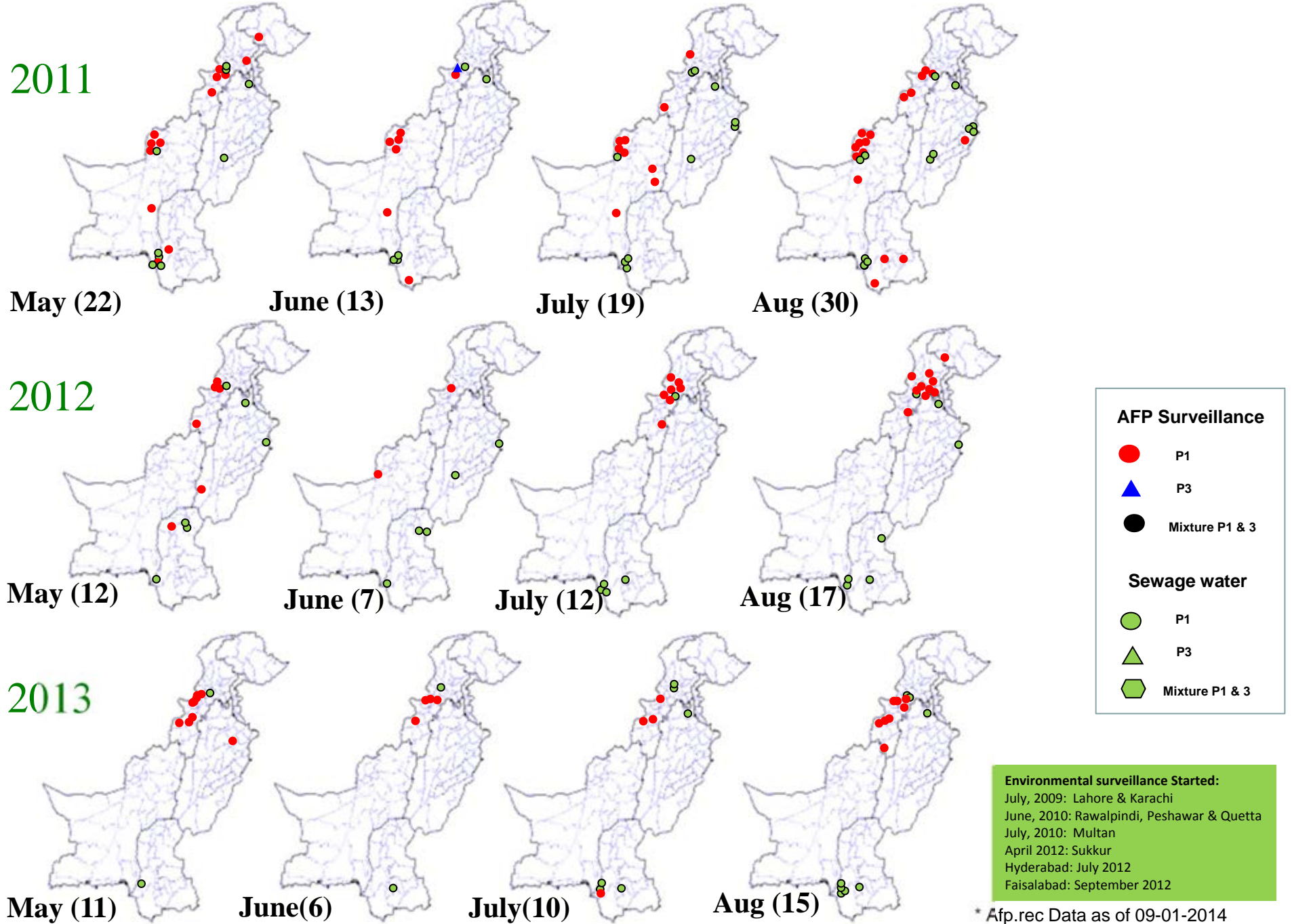
\* Afp.rec Data as of 09-01-2014

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



\* Afp.rec Data as of 09-01-2014

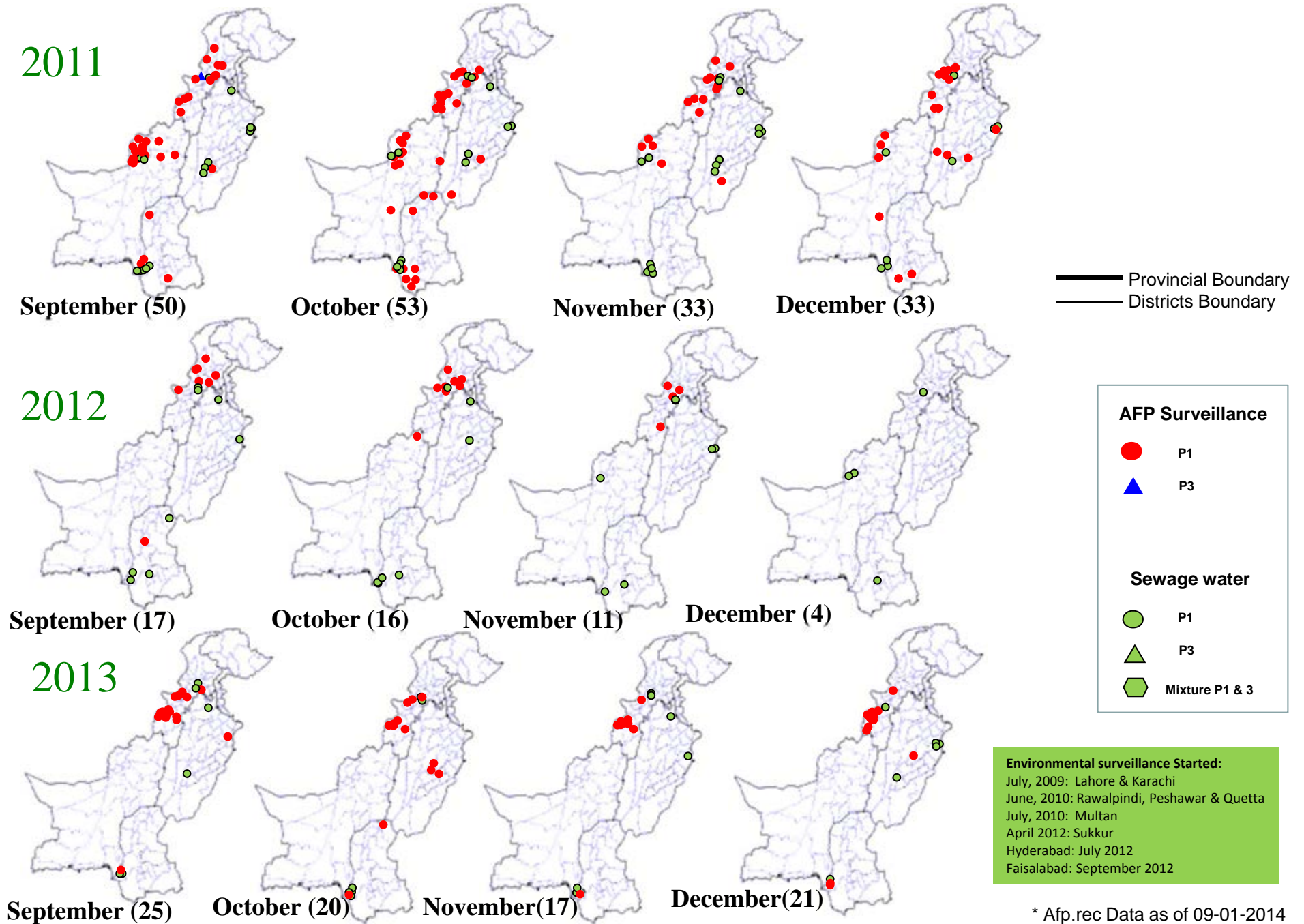
# Map 4.1: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2011-2013\*



\* Afp.rec Data as of 09-01-2014



# Map 4.2: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2011-2013\*

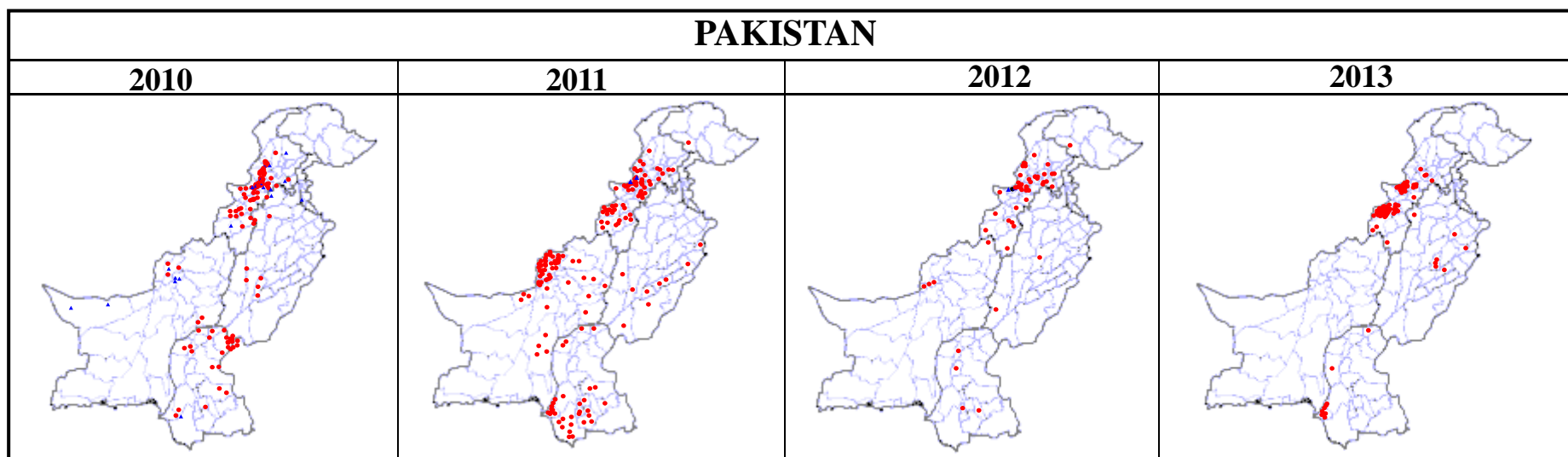


\* Afp.rec Data as of 09-01-2014

## Table 5: 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	7	1	0	-	-	7	9	2	7
SINDH	26	33	4	9	1	0	-	-	27	33	4	9
KP	19	23	27	10	5	0	-	-	24	23	27	10
FATA^	63	57	17	65	11	2	2	-	74	59	20^	65
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>91</b>	<b>24</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>144</b>	<b>198</b>	<b>58</b>	<b>91</b>

^ FATA reported mixture of NSL1 & NSL3



\* Afp.rec Data as of 09-01-2014

***Table 6: Vaccination status of non polio AFP cases age 6-59 months 2010-2013\****

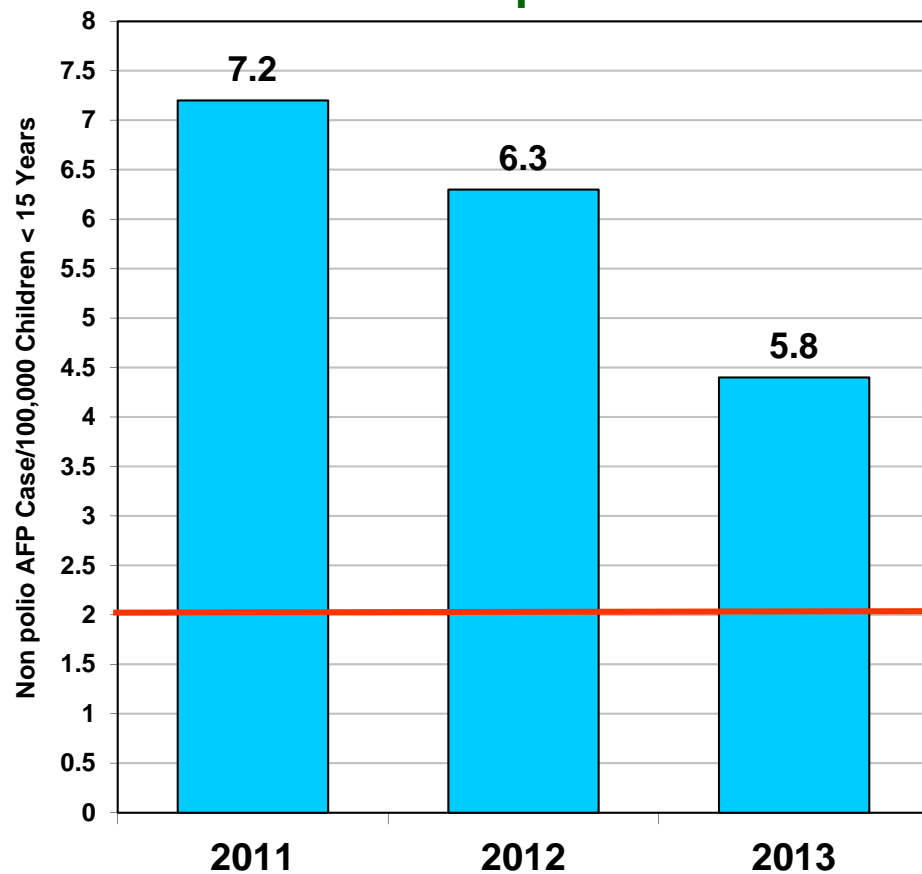
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	10	11	12	13	10	11	12	13	10	11	12	13	10	11	12	13	10	11	12	13
Central Punjab	0%	0%	0%	0%	1%	1%	0%	0%	1%	2%	0%	1%	7%	6%	4%	7%	91%	92%	95%	91%
North Punjab	0%	0%	0%	0%	0%	1%	0%	0%	2%	1%	0%	0%	6%	5%	4%	4%	91%	93%	96%	96%
South Punjab	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	0%	5%	5%	4%	5%	94%	93%	96%	94%
<b>PUNJAB</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>6%</b>	<b>5%</b>	<b>4%</b>	<b>6%</b>	<b>92%</b>	<b>93%</b>	<b>96%</b>	<b>93%</b>
Karachi	2%	4%	1%	1%	0%	1%	1%	5%	3%	0%	2%	0%	7%	6%	6%	6%	88%	88%	90%	88%
North Sindh	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	1%	0%	4%	5%	4%	5%	95%	94%	94%	95%
South Sindh	0%	1%	0%	0%	1%	1%	1%	0%	1%	0%	2%	1%	9%	6%	4%	7%	89%	93%	93%	91%
<b>SINDH</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>7%</b>	<b>6%</b>	<b>4%</b>	<b>6%</b>	<b>91%</b>	<b>92%</b>	<b>93%</b>	<b>92%</b>
Central Khyber Pakhtunkhwa	1%	1%	2%	2%	0%	1%	1%	1%	1%	0%	0%	1%	2%	3%	2%	2%	97%	95%	95%	95%
North Khyber Pakhtunkhwa	2%	1%	2%	1%	1%	2%	2%	1%	2%	1%	2%	1%	6%	7%	9%	7%	89%	90%	85%	91%
South Khyber Pakhtunkhwa	3%	2%	2%	1%	3%	4%	1%	0%	3%	4%	1%	1%	14%	7%	9%	4%	76%	83%	87%	94%
<b>Khyber Pakhtunkhwa</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>0%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>6%</b>	<b>5%</b>	<b>6%</b>	<b>4%</b>	<b>90%</b>	<b>91%</b>	<b>89%</b>	<b>93%</b>
<b>FATA</b>	<b>14%</b>	<b>14%</b>	<b>18%</b>	<b>39%</b>	<b>11%</b>	<b>10%</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>	<b>5%</b>	<b>3%</b>	<b>6%</b>	<b>18%</b>	<b>11%</b>	<b>12%</b>	<b>5%</b>	<b>51%</b>	<b>61%</b>	<b>62%</b>	<b>43%</b>
North Balochistan	12%	4%	12%	9%	0%	12%	10%	11%	4%	23%	3%	3%	12%	12%	17%	28%	72%	50%	57%	49%
Quetta Block	0%	31%	14%	8%	11%	10%	10%	8%	0%	3%	0%	0%	9%	14%	14%	21%	81%	43%	62%	64%
Rest of Balochistan	6%	7%	9%	5%	2%	2%	6%	3%	2%	5%	5%	5%	11%	10%	10%	25%	78%	76%	70%	60%
<b>BALUCHISTAN</b>	<b>5%</b>	<b>16%</b>	<b>8%</b>	<b>6%</b>	<b>4%</b>	<b>6%</b>	<b>8%</b>	<b>6%</b>	<b>2%</b>	<b>6%</b>	<b>3%</b>	<b>4%</b>	<b>11%</b>	<b>12%</b>	<b>17%</b>	<b>20%</b>	<b>78%</b>	<b>60%</b>	<b>64%</b>	<b>64%</b>
<b>PAKISTAN</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>3%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>7%</b>	<b>6%</b>	<b>5%</b>	<b>6%</b>	<b>89%</b>	<b>89%</b>	<b>92%</b>	<b>89%</b>

\* Afp.rec Data as of 09-01-2014

# Key Surveillance Indicators; 2011-2013\*

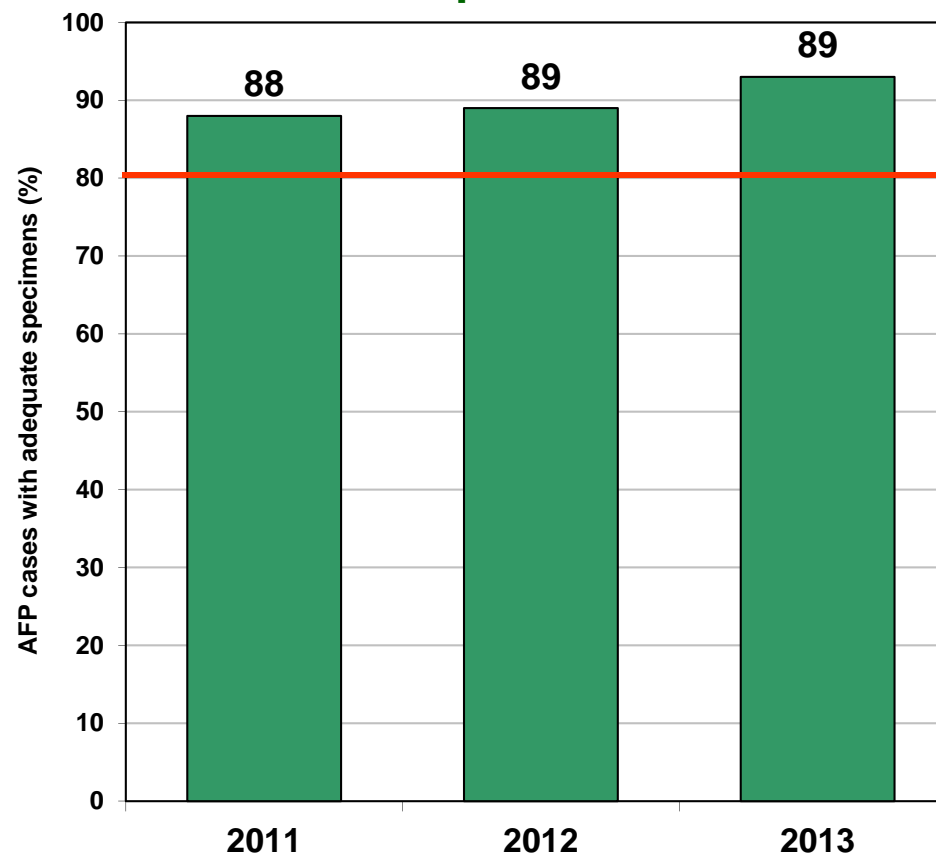
(Non polio AFP rate and % AFP cases with adequate specimens)

**Graph 3**



■ Non Polio AFP Rate

**Graph 4**



■ % AFP with Adequate Specimens

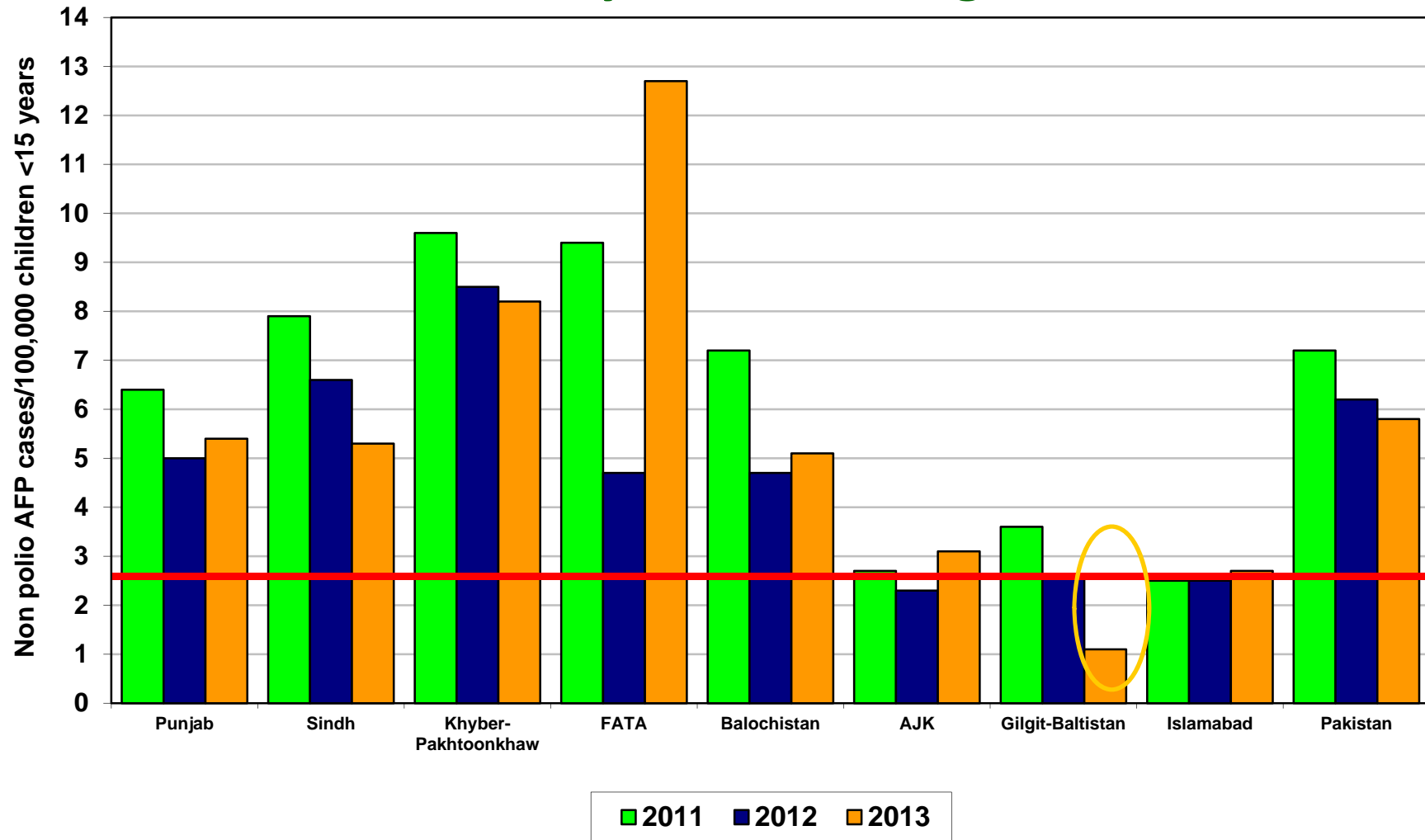
— Target

Non Polio AFP rate Up to Week No. 52 ended on 28<sup>th</sup> December, 2013

\* Afp.rec Data as of 09-01-2014



# Non Polio AFP Rate By Province/Regions, 2011-2013\*

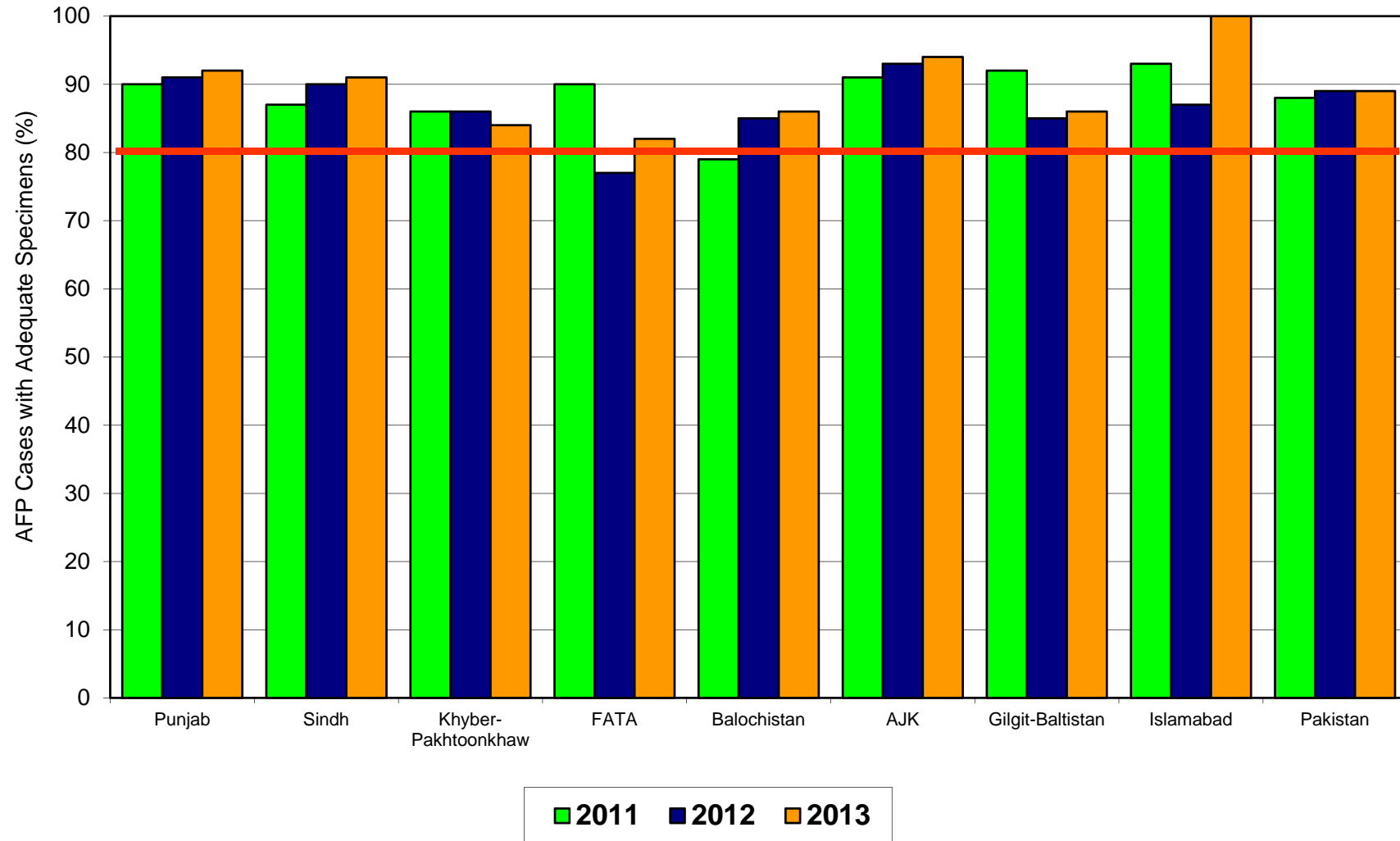


Non Polio AFP rate Up to Week No. 52 ended on 28<sup>th</sup> December, 2013

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

\* Afp.rec Data as of 09-01-2014

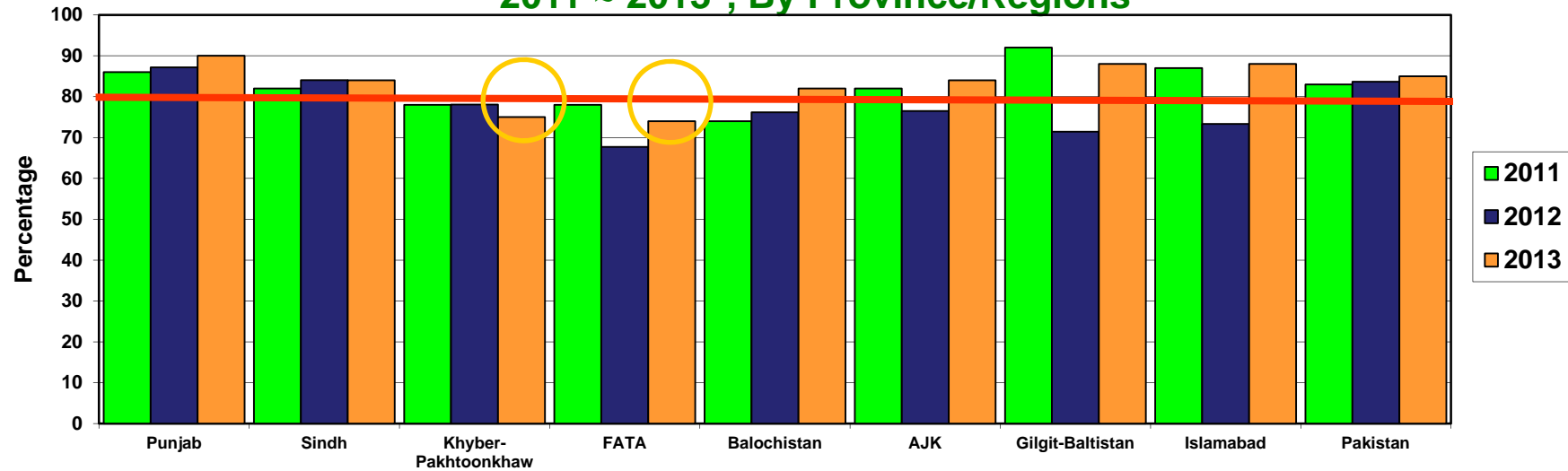
# Percent AFP Cases with Adequate Specimens By Province/Regions, 2011-2013\*



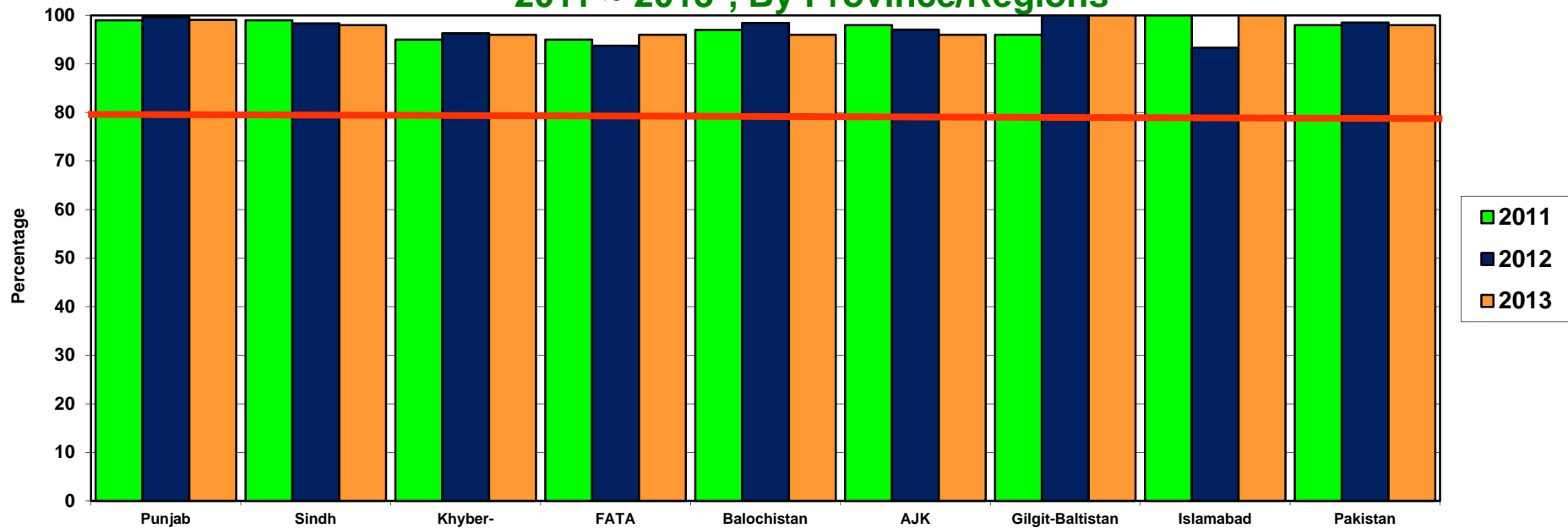
\* Afp.rec Data as of 09-01-2014

Target Adequate Sample cases = 80%

**Graph 5: Percent AFP Cases Notified within 07 days of paralysis onset  
2011 ~ 2013\*, By Province/Regions**



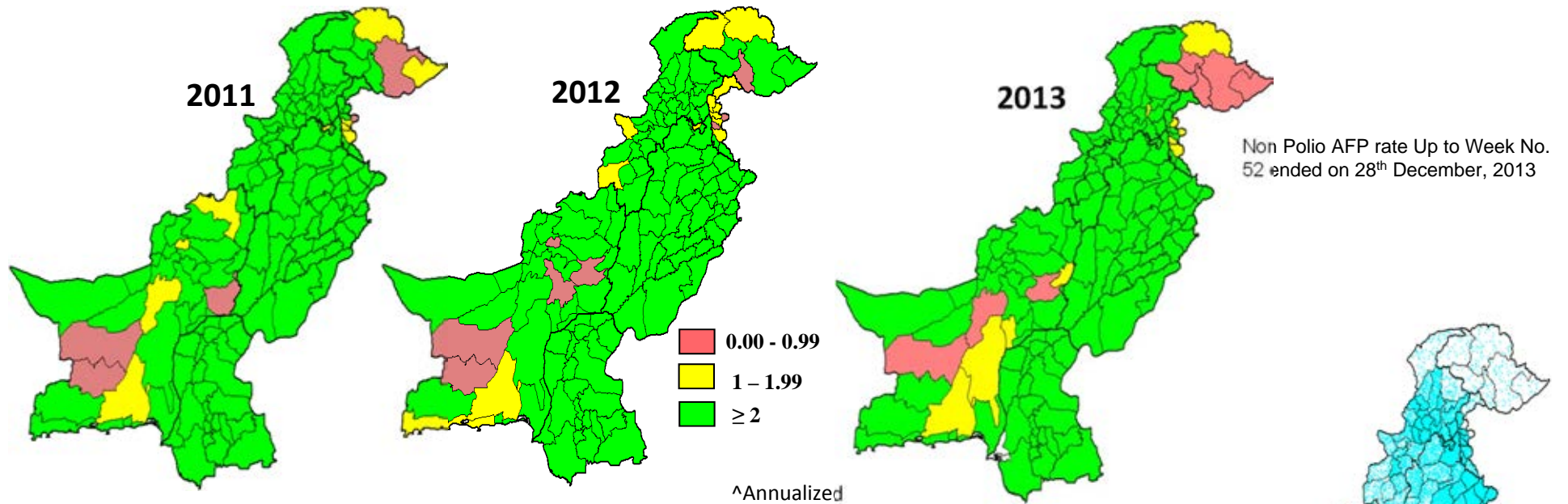
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification  
2011 ~ 2013\*, By Province/Regions**



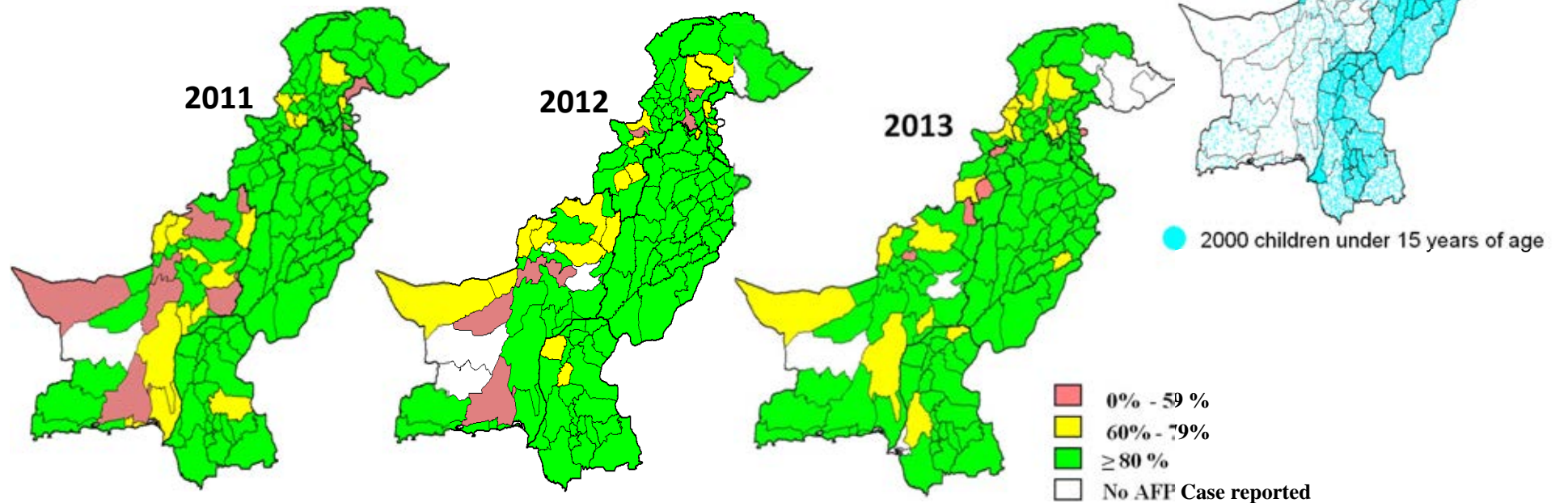
\* Afp.rec Data as of 09-01-2014

— Target

## Non-Polio<sup>^</sup> AFP Rate by District



## Percent AFP Cases with Adequate Specimens, by District



\* Afp.rec Data as of 09-01-2014

**Table 7: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2013 (1/5)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	KARAK	KARAK	KP/51/13/005	F	13	01-01-13	7+	15-02-13	17-02-13	EV	N	Y	Y	Y	373
2	MARDAN	MARDAN	KP/40/13/007	M	29	17-01-13	7+	06-02-13	07-02-13	EV	Y	Y	Y	Y	357
3	PESHAWAR	PESHAWAR	KP/30/13/008	M	96	15-01-13	7+	26-02-13	27-02-13	NVI	N	N	Y	Y	359
4	SWAT	SWAT	KP/24/13/004	M	120	20-02-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	323
5	WAZIR-N	MIRAN SHAH	FT/64/13/001	M	96	08-02-13	6	13-02-13		NVI	Y	N	Y	DIED	335
6	BAHAWALPUR	HASILPUR	PB/71/13/029	F	18	27-06-13	7+	24-07-13	25-07-13	EV	Y	Y	Y	Y	196
7	BAHWLNAGAR	MINCHINABAD	PB/73/13/038	F	120	08-06-13	7+	29-06-13	01-07-13	EV	N	N	Y	Y	215
8	BAHWLNAGAR	FORTABBAS	PB/73/13/043	M	102	23-06-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	200
9	BAHWLNAGAR	MINCHINABAD	PB/73/13/068	M	31	21-09-13	7+	09-10-13	10-10-13	NVI	Y	N	Y	Y	110
10	BAHWLNAGAR	HARONABAD	PB/73/13/069	M	156	10-10-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	91
11	CHINIOT	BHOWANA	PB/54/13/026	M	144	01-09-13	3	19-10-13	20-10-13	NVI	Y	N	Y	Y	130
12	DGKHAN	DGKHAN	PB/81/13/089	M	132	26-09-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	105
13	DGKHAN	DGKHAN	PB/81/13/088	M	58	20-09-13	7+	10-10-13	12-10-13	NVI	Y	N	Y	DIED	111
14	FAISALABAD	TANDLIAN WALA	PB/51/13/049	F	18	22-05-13	7+	27-06-13	28-06-13	NVI	Y	Y	UK	Y	232
15	FAISALABAD	FAISALABAD CITY	PB/51/13/061	F	144	01-08-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	161
16	FAISALABAD	FAISALABAD SADAR	PB/51/13/066	M	3	17-08-13	3	01-09-13	03-09-13	NVI	Y	Y	Y	DIED	145
17	FAISALABAD	FAISALABAD CITY	PB/51/13/086	F	120	01-08-13	7+	Late Notified			Y	Y	Y	Y	161
18	GUJRANWALA	KHIALI SHAHPUR	PB/21/13/055	M	96	14-06-13	7+	03-07-13	05-07-13	NVI	Y	Y	Y	Y	209
19	GUJRANWALA	KAMOKE	PB/21/13/087	F	72	21-09-13	7+	07-10-13	08-10-13	NVI	Y	Y	Y	Y	110
20	GUJRANWALA	KAMOKE	PB/21/13/090	M	96	25-06-13	7+	Late Notified			N	Y	Y	Y	198
21	JHANG	JHANG	PB/53/13/045	M	54	13-09-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	118
22	JHELUM	SOHAWA	PB/14/13/026	M	108	19-08-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	143
23	KHANEWAL	KABIRWALA	PB/62/13/042	F	108	28-06-13	7+	07-07-13		NVI	Y	N	Y	DIED	195
24	KHANEWAL	JAHANIAN	PB/62/13/047	M	120	29-06-13	7+	29-07-13	31-07-13	NVI	Y	N	Y	Y	194
25	KHANEWAL	KABIRWALA	PB/62/13/049	M	120	06-07-13	7+	28-08-13	29-08-13	NVI	Y	Y	Y	Y	187
26	KHUSHAB	KHUSHAB	PB/42/13/014	F	42	25-08-13	7+	07-09-13	10-09-13	EV	Y	N	Y	Y	137
27	LAHORE	SHALAMAR TOWN	PB/31/13/095	F	108	17-09-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	114
28	LAHORE	NISHTAR TOWN	PB/31/13/097	F	24	10-08-13	7+	27-09-13	28-09-13	EV	N	Y	Y	Y	152
29	LAHORE	DATA GUNJ BUKSH TOWN	PB/31/13/100	M	30	03-10-13	7+	23-10-13	25-10-13	EV	Y	Y	Y	Y	98
30	LAYYAH	LAYYAH	PB/84/13/024	F	72	28-07-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	165
31	LAYYAH	KAROR LAL ESAN	PB/84/13/029	F	134	07-09-13	0	20-09-13	23-09-13	NVI	Y	N	Y	Y	124
32	LODHRAN	LODHRAN	PB/64/13/034	M	95	04-07-13	7+	18-07-13	25-07-13	NVI	Y	N	Y	Y	189
33	LODHRAN	LODHRAN	PB/64/13/035	M	84	22-05-13	7+	14-07-13	15-07-13	NVI	N	N	Y	Y	232
34	MULTAN	JALALPUR PIRWALA	PB/61/13/046	M	76	18-05-13	7+	17-06-13	19-06-13	NVI	Y	Y	Y	Y	236
35	MULTAN	JALALPUR PIRWALA	PB/61/13/073	M	4	01-08-13	6	06-09-13	08-09-13	NVI	Y	N	Y	Y	161
36	MULTAN	MULTAN SADDAR	PB/61/13/080	F	119	15-08-13	7+	27-09-13	29-09-13	NVI	N	N	Y	Y	147
37	MULTAN	MULTAN SADDAR	PB/61/13/081	F	18	25-09-13	7+	09-10-13	11-10-13	NVI	Y	Y	Y	Y	106
38	MUZFARGARH	ALIPUR	PB/83/13/076	M	2	08-07-13	1	10-08-13	12-08-13	NVI	N	Y	Y	Y	185
39	MUZFARGARH	KOT ADDU	PB/83/13/081	M	25	13-07-13	7+	22-08-13	24-08-13	NVI	Y	Y	Y	Y	180
40	MUZFARGARH	MUZFARGARH	PB/83/13/096	M	14	17-08-13	7+	04-10-13	05-10-13	VACC	Y	Y	Y	Y	145
41	MUZFARGARH	ALIPUR	PB/83/13/098	M	4	25-08-13	3	08-10-13	09-10-13	EV	Y	Y	Y	Y	137
42	NANKANASAHIB	NANKANASAHIB	PB/35/13/027	F	50	07-08-13	7+	28-09-13	29-09-13	NVI	N	N	Y	Y	155
43	OKARA	DEPALPUR	PB/34/13/031	M	24	27-05-13	7+	07-07-13	08-07-13	EV	N	Y	Y	Y	227
44	OKARA	RENALA KHURD	PB/34/13/055	M	24	27-09-13	7+	03-11-13	05-11-13	EV	N	N	Y	Y	104

€ Based on recall of parents

\* Afp.rec Data as of 09-01-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.1: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2013 (2/5)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
45	PAKPATTEN	PAKPATTAN	PB/66/13/018	M	156	25-07-13	7+	15-08-13	16-08-13	NVI	Y	Y	Y	Y	168
46	PAKPATTEN	PAKPATTAN	PB/66/13/021	M	60	14-06-13	7+	Late Notified			Y	Y	Y	Y	209
47	RAJANPUR	RAJANPUR	PB/82/13/036	F	6	03-06-13	5	07-07-13	08-07-13	EV	Y	Y	Y	Y	220
48	RAJANPUR	RAJANPUR	PB/82/13/046	F	12	07-08-13	6	29-08-13	30-08-13	NVI	N	N	Y	Y	155
49	RAJANPUR	RAJANPUR	PB/82/13/052	M	60	13-09-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	118
50	RAJANPUR	JAMPUR	PB/82/13/059	M	9	25-08-13	6	10-10-13	13-10-13	NVI	Y	Y	Y	Y	137
51	RAWALPINDI	RAWALPINDI	PB/11/13/028	M	132	13-05-13	7+	03-06-13	05-06-13	NVI	N	N	Y	Y	241
52	RAWALPINDI	MURREE	PB/11/13/041	M	177	05-07-13	7+	23-07-13	24-07-13	NVI	N	N	Y	Y	188
53	RAWALPINDI	RAWALPINDI	PB/11/13/047	M	87	09-08-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	153
54	RAWALPINDI	TAXILA	PB/11/13/048	M	27	13-08-13	7+				N	N	Y	DIED	149
55	RAWALPINDI	RAWALPINDI	PB/11/13/050	F	102	15-08-13	7+	24-08-13		NVI	N	N	Y	DIED	147
56	RAWALPINDI	TAXILA	PB/11/13/058	M	121	22-08-13	7+	02-10-13	04-10-13	NVI	N	N	Y	Y	140
57	RAWALPINDI	GUJAR KHAN	PB/11/13/062	M	36	25-09-13	7+	18-10-13	20-10-13	NVI	Y	N	Y	Y	106
58	SAHIWAL	SAHIWAL	PB/65/13/024	M	120	12-06-13	7+	22-07-13	23-07-13	NVI	Y	Y	Y	Y	211
59	SAHIWAL	CHICHAWATNI	PB/65/13/025	F	6	25-06-13	5	30-07-13	01-08-13	NVI	Y	N	Y	Y	198
60	SAHIWAL	CHICHAWATNI	PB/65/13/044	M	4	22-09-13	3	23-10-13	24-10-13	VACC	Y	Y	Y	Y	109
61	SARGODHA	BHALWAL	PB/41/13/039	F	10	18-09-13	7+	02-10-13	04-10-13	EV	N	N	N	Y	113
62	SARGODHA	SARGODHA	PB/41/13/043	M	120	05-10-13	7+	21-10-13	22-10-13	NVI	N	N	Y	Y	96
63	SHEIKUPURA	FEROZEWALA	PB/33/13/030	M	144	22-05-13	7+	14-06-13	15-06-13	NVI	N	Y	Y	Y	232
64	SHEIKUPURA	MURIDKE	PB/33/13/038	M	84	03-07-13	7+	11-07-13		NVI	Y	N	Y	DIED	190
65	TTSINGH	GOJRA	PB/52/13/032	M	2	24-06-13	3	25-07-13	27-07-13	EV	Y	N	Y	Y	199
66	TTSINGH	KAMALIA	PB/52/13/061	M	4	19-08-13	5	Late Notified			Y	Y	UK		143
67	VEHARI	VEHARI	PB/63/13/055	M	84	11-08-13	7+	14-08-13		NVI	N	N	Y	DIED	151
68	GHOTKI	KHANGARH	SD/42/13/052	M	72	21-07-13	7+	30-08-13	31-08-13	NVI	Y	N	Y	Y	172
69	HYDERABAD	HYDERABAD CITY	SD/21/13/024	M	84	28-09-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	103
70	JACOBABAD	THUL	SD/53/13/013	M	156	16-05-13	7+	11-06-13	15-06-13	NVI	Y	Y	Y	Y	238
71	JACOBABAD	THUL	SD/53/13/017	M	10	26-06-13	7+	26-07-13	27-07-13	EV	Y	Y	Y	Y	197
72	JAMSHORO	T.B.KHAN	SD/25/13/009	F	18	03-05-13	7+	25-05-13	12-06-13	NVI	N	N	Y	Y	251
73	JAMSHORO	SEHWAN	SD/25/13/019	M	6	02-10-13	3	16-10-13	17-10-13	NVI	Y	Y	Y	LOST	99
74	KAMBAR	MIRO KHAN	SD/55/13/023	M	24	26-09-13	7+	29-10-13	30-10-13		N	Y	Y	Y	105
75	KASHMORE	KANDHKOT	SD/54/13/002	M	54	27-05-13	7+	Child Died Before Stool Collection			N	N	Y	LOST	227
76	KHIBALDIA	BALDIA	SD/61/13/005	F	36	18-06-13	4				N	N	Y	DIED	205
77	KHIBALDIA	BALDIA	SD/61/13/010	M	16	10-10-13	7+	24-10-13	26-10-13	EV	Y	Y	Y		91
78	KHIBINQASIM	BINQASIM	SD/62/13/012	M	96	19-09-13	7+	17-11-13	18-11-13	NVI	Y	N	Y	Y	112
79	KHIGADAP	GADAP	SD/63/13/010	F	42	02-06-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	221
80	KHIGADAP	GADAP	SD/63/13/021	F	10	23-08-13	1	23-09-13	24-09-13	NVI	Y	Y	Y	Y	139
81	KHIGADAP	GADAP	SD/63/13/031	M	14	15-07-13	7+	Late Notified			Y	Y	Y	Y	178
82	KHIJAMSHEED	JAMSHEED	SD/66/13/004	F	60	01-05-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	253
83	KHIKAMARI	KAMARI	SD/67/13/005	M	108	25-06-13	7+	07-07-13	15-07-13	NVI	Y	Y	Y	Y	198
84	KHISADDAR	SADDAR	SD/77/13/004	F	38	05-04-13	7+	10-05-13	11-05-13	NVI	N	N	Y	Y	279
85	NFEROZ	BHIRIA	SD/45/13/003	F	144	05-02-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	338
86	NFEROZ	MORO	SD/45/13/013	F	54	10-05-13	7+	01-06-13	02-06-13	NVI	N	Y	Y	Y	244
87	SANGHAR	KHIPRO	SD/32/13/024	F	60	15-09-13	7+	01-10-13	02-10-13	NVI	Y	Y	Y	Y	116
88	T.ALLAHYAR	TANDO ALLAHYAR	SD/27/13/009	M	4	28-05-13	4	24-06-13	25-06-13	NVI	Y	Y	Y	Y	226

€ Based on recall of parents

\* Afp.rec Data as of 09-01-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.



**Table 7.2: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2013 (3/5)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
89	T.ALLAHYAR	J.MUREE	SD/27/13/010	M	72	13-06-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	210
90	T.ALLAHYAR	J.MUREE	SD/27/13/015	M	60	21-08-13	7+	03-09-13	05-09-13	NVI	N	Y	Y	Y	141
91	THARPARKAR	MITHI	SD/33/13/021	M	36	21-09-13	7+	14-10-13	15-10-13	NVI	Y	N	N	Y	110
92	THATTA	THATTA	SD/22/13/032	M	72	06-06-13	7+	15-07-13	16-07-13	NVI	Y	Y	Y	Y	217
93	UMERKOT	UMER KOT	SD/34/13/026	M	2	06-09-13	1	17-09-13		EV	Y	N	Y	DIED	125
94	ABOTABAD	HAVALIAN	KP/10/13/017	M	96	23-07-13	7+	14-08-13	15-08-13	NVI	Y	N	Y	Y	170
95	ABOTABAD	ABBOTABAD	KP/10/13/021	M	49	27-07-13	7+	16-08-13	17-08-13	EV	N	N	N		166
96	ABOTABAD	HAVALIAN	KP/10/13/027	F	72	18-08-13	7+	Late Notified			N	Y	Y		144
97	BANNU	BANNU	KP/61/13/010	M	53	30-04-13	7+				Y	N	N	Y	Y
98	BUNIR	DAGGAR	KP/22/13/008	M	35	12-03-13	7+	01-04-13	02-04-13	NVI	Y	Y	Y	Y	303
99	BUNIR	DAGGAR	KP/22/13/007	M	132	28-02-13	7+	30-03-13	31-03-13	NVI	N	N	Y	Y	315
100	BUNIR	DAGGAR	KP/22/13/015	M	72	01-01-13	7+	Late Notified			Y	Y	Y	Y	373
101	BUNIR	DAGGAR	KP/22/13/044	M	16	09-08-13	0				Y	N	N	Y	Y
102	CHARSADA	CHARSADA	KP/31/13/049	F	72	10-08-13	7+	24-08-13	27-08-13	NVI	Y	Y	Y		152
103	CHARSADA	SHABQADAR	KP/31/13/052	F	39	27-08-13	7+	10-09-13	11-09-13	NVI	Y	Y	Y		135
104	CHARSADA	CHARSADA	KP/31/13/053	M	18	03-08-13	7+	03-09-13	04-09-13	NVI	Y	Y	Y		159
105	DIKHAN	KULACHI	KP/60/13/013	F	18	22-04-13	5	16-06-13	17-06-13	VACC	N	Y	Y	Y	262
106	DIKHAN	DIKHAN	KP/60/13/014	M	54	17-06-13	7+	20-06-13		NVI	Y	Y	Y	DIED	206
107	DIRLOWER	SAMAR BAGH	KP/23/13/015	F	13	30-01-13	7+	Late Notified			Y	Y	Y	Y	344
108	DIRLOWER	SAMAR BAGH	KP/23/13/033	F	96	25-07-13	7+	05-09-13	07-09-13	NVI	Y	Y	Y	Y	168
109	DIRLOWER	TIMERGARA	KP/23/13/034	M	30	08-08-13	7+	16-09-13	17-09-13	NVI	Y	Y	Y	Y	154
110	DIRLOWER	TIMERGARA	KP/23/13/038	M	1	10-10-13	1	15-11-13	16-11-13	NVI	Y	Y	Y	Y	91
111	DIRUPPER	DIR	KP/25/13/006	F	21	25-07-13	7+	08-08-13	10-08-13	EV	UK	Y	Y		168
112	HANGU	HANGU	KP/54/13/005	M	12	21-06-13	7+	08-07-13	09-07-13	EV	Y	Y	Y		202
113	HANGU	HANGU	KP/54/13/004	F	30	05-06-13	7+	05-07-13	06-07-13	EV	Y	N	Y	Y	218
114	HANGU	HANGU	KP/54/13/008	M	36	03-07-13	7+	24-07-13		EV	Y	N	Y		190
115	HANGU	HANGU	KP/54/13/012	F	24	29-08-13	7+	16-09-13	18-09-13		Y	Y	N		133
116	HARIPUR	HARIPUR	KP/12/13/005	M	66	18-01-13	7+	19-02-13	20-02-13	EV	N	N	Y	Y	356
117	HARIPUR	HARIPUR	KP/12/13/012	F	20	18-04-13	7+	19-05-13	20-05-13	EV	Y	Y	Y	Y	266
118	HARIPUR	HARIPUR	KP/12/13/019	F	20	28-06-13	7+	18-08-13	19-08-13		Y	Y	Y		195
119	HARIPUR	HARIPUR	KP/12/13/024	F	48	06-10-13	7+	29-10-13	30-10-13	NVI	Y	N	Y		95
120	KOHAT	LACHI	KP/50/13/012	M	96	28-05-13	7+	26-06-13	27-06-13	NVI	N	N	Y	Y	226
121	KOHAT	LACHI	KP/50/13/015	M	21	15-05-13	7+	Late Notified			Y	Y	Y	Y	239
122	LAKKIMRWT	LAKKIMRWT	KP/62/13/018	M	26	22-05-13	7+	21-06-13	22-06-13		N	Y	Y	Y	232
123	LAKKIMRWT	LAKKIMRWT	KP/62/13/030	F	28	11-09-13	7+	01-10-13	03-10-13	NVI	N	N	Y	Y	120
124	LAKKIMRWT	LAKKIMRWT	KP/62/13/038	F	96	05-10-13	3	26-10-13	27-10-13	NVI	Y	Y	Y	Y	96
125	MANSEHRA	MANSEHRA	KP/14/13/005	M	168	17-03-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	298
126	MANSEHRA	MANSEHRA	KP/14/13/010	F	9	01-06-13	6	17-06-13	19-06-13	NVI	Y	N	Y	DIED	222
127	MANSEHRA	MANSEHRA	KP/14/13/019	F	24	13-07-13	7+	Child Died Before Stool Collection			UK	UK	Y	DIED	180
128	MARDAN	TAKHT BHAI	KP/40/13/034	M	5	10-03-13	6	Late Notified			N	Y	UK	Y	305
129	MARDAN	MARDAN	KP/40/13/059	F	24	25-07-13	7+	21-08-13	22-08-13	NVI	Y	Y	Y	Y	168
130	MARDAN	MARDAN	KP/40/13/063	M	108	15-08-13	7+	29-08-13	31-08-13	NVI	Y	Y	Y	Y	147
131	MARDAN	MARDAN	KP/40/13/046	F	24	15-06-13	7+	05-07-13	06-07-13	EV	Y	Y	Y	Y	208
132	MARDAN	MARDAN	KP/40/13/074	F	24	02-08-13	7+	11-09-13	13-09-13	NVI	N	Y	Y	Y	160

€ Based on recall of parents

\* Afp.rec Data as of 09-01-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2013 (4/5)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
133	MARDAN	MARDAN	KP/40/13/077	F	32	02-09-13	7+	24-09-13	25-09-13	NVI	Y	Y	Y	Y	129
134	MARDAN	MARDAN	KP/40/13/073	M	23	15-06-13	7+	Late Notified			UK	Y	UK	Y	208
135	NOWSHERA	NOWSHERA	KP/32/13/012	F	108	15-03-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	300
136	NOWSHERA	NOWSHERA	KP/32/13/029	M	14	28-07-13	7+	17-08-13	18-08-13	EV	Y	Y	Y		165
137	NOWSHERA	NOWSHERA	KP/32/13/036	F	30	03-08-13	7+	25-09-13	26-09-13	NVI	Y	Y	Y		159
138	NOWSHERA	NOWSHERA	KP/32/13/031	M	25	25-07-13	7+	21-08-13	22-08-13	EV	Y	Y	Y		168
139	PESHAWAR	PESHAWAR	KP/30/13/022	F	22	06-02-13	7+	Late Notified			N	N	N	Y	337
140	PESHAWAR	PESHAWAR	KP/30/13/026	M	24	17-04-13	0	17-05-13	19-05-13	EV	Y	Y	Y	Y	267
141	PESHAWAR	PESHAWAR	KP/30/13/039	F	54	03-05-13	7+	14-06-13	15-06-13	EV	Y	Y	Y	Y	251
142	PESHAWAR	PESHAWAR	KP/30/13/043	F	66	16-06-13	7+	07-07-13	08-07-13	NVI	Y	Y	Y	Y	207
143	PESHAWAR	PESHAWAR	KP/30/13/052	M	36	13-07-13	7+	27-07-13	28-07-13	EV	N	Y	Y	Y	180
144	PESHAWAR	PESHAWAR	KP/30/13/063	M	14	16-08-13	7+	30-08-13	01-09-13	VACC	Y	N	Y	LOST	146
145	PESHAWAR	PESHAWAR	KP/30/13/069	M	84	29-08-13	7+	13-09-13	14-09-13	NVI	Y	Y	Y	DIED	133
146	PESHAWAR	PESHAWAR	KP/30/13/057	F	21	14-07-13	7+	16-08-13	17-08-13	EV	Y	Y	Y	Y	179
147	PESHAWAR	PESHAWAR	KP/30/13/076	F	24	28-08-13	7+	02-10-13	10-10-13	NVI	Y	N	UK	Y	134
148	PESHAWAR	PESHAWAR	KP/30/13/097	F	9	02-10-13	0	19-11-13	20-11-13	EV	Y	Y	Y		99
149	PESHAWAR	PESHAWAR	KP/30/13/096	M	7	08-10-13	3	18-11-13	19-11-13	NVI	Y	Y	Y	Y	93
150	PESHAWAR	PESHAWAR	KP/30/13/056	F	24	14-07-13	7+	06-08-13	07-08-13	NVI	N	N	Y	Y	179
151	PESHAWAR	PESHAWAR	KP/30/13/059	M	86	13-06-13	7+	Late Notified			Y	Y	Y	Y	210
152	PESHAWAR	PESHAWAR	KP/30/13/106	M	25	05-10-13	7+	29-11-13	30-11-13	EV	N	Y	Y		96
153	SHANGLA	MARTOONG	KP/26/13/001	M	72	08-01-13	7+	Child Died Before Stool Collection			Y	Y	Y	LOST	366
154	SHANGLA	CHAKISAR	KP/26/13/008	F	36	01-06-13	7+	27-06-13	31-07-13	NVI	Y	Y	Y	Y	222
155	SWABI	SWABI	KP/41/13/035	M	36	15-09-13	7+	Late Notified			Y	Y	Y		116
156	SWAT	SWAT	KP/24/13/006	F	132	02-04-13	7+	10-04-13		NVI	N	N	Y	DIED	282
157	SWAT	SWAT	KP/24/13/009	M	16	19-04-13	7+	14-05-13	15-05-13	NVI	Y	N	N	Y	265
158	TANK	TANK	KP/63/13/005	M	42	25-02-13	7+	27-04-13	28-04-13	NVI	Y	N	UK	Y	318
159	TANK	TANK	KP/63/13/009	M	13	02-08-13	7+	06-09-13	07-09-13	NVI	N	N	Y	Y	160
160	TANK	TANK	KP/63/13/010	M	24	11-08-13	7+	24-09-13	25-09-13	NVI	Y	Y	Y	Y	151
161	JAFARABAD	SOHBAT PUR	BN/43/13/015	F	30	18-07-13	7+	30-08-13	31-08-13	EV	Y	Y	Y	Y	175
162	KHUZDAR	NAAL	BN/54/13/002	M	82	23-08-13	4	05-09-13	07-09-13	NVI	Y	N	Y		139
163	NSIRABAD	DMJAMALI	BN/41/13/010	M	18	08-09-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	123
164	SHARANI	SHARANI	BN/26/13/003	M	48	16-09-13	5	03-10-13	04-10-13	VACC	Y	Y	Y		115
165	ZIARAT	ZIARAT	BN/32/13/003	M	13	16-09-13	3	08-10-13	09-10-13	NVI	Y	Y	Y		115
166	GHIZER	PUNIAL	GB/41/13/001	M	66	02-09-13	7+	06-09-13		EV	N	Y	Y	DIED	129
167	BAJOUR	MAMUND	FT/33/13/007	M	45	02-01-13	7+	Late Notified			N	Y	Y	Y	372
168	BAJOUR	KHAR	FT/33/13/018	M	22	08-07-13	7+	23-08-13	24-08-13	NVI	Y	Y	Y		185
169	BAJOUR	MAMUND	FT/33/13/017	F	44	09-07-13	7+	13-08-13	14-08-13	EV	Y	N	N		184
170	BAJOUR	KHAR	FT/33/13/020	F	12	07-08-13	7+	07-09-13	08-09-13	EV	Y	Y	N		155
171	BAJOUR	MAMUND	FT/33/13/022	M	17	28-07-13	7+	12-09-13	13-09-13	NVI	N	Y	N		165
172	BAJOUR	KHAR	FT/33/13/023	F	48	15-08-13	7+	15-09-13	16-09-13	EV	N	N	Y		147
173	BAJOUR	KHAR	FT/33/13/024	M	36	18-08-13	7+	16-09-13	17-09-13	NVI	Y	Y	Y		144
174	BAJOUR	MAMUND	FT/33/13/032	M	18	04-09-13	7+	05-10-13	06-10-13	VACC	Y	Y	N		127
175	BAJOUR	NAWAGAI	FT/33/13/040	F	48	30-09-13	7+	25-11-13	26-11-13	VACC	Y	Y	N		101
176	FR BANNU	FR BANNU	FT/69/13/007	M	22	30-07-13	3	28-08-13	29-08-13	EV	Y	Y	Y		163

€ Based on recall of parents

\* Afp.rec Data as of 09-01-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.



**Table 7.4: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2013 (5/5)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)		
177	FR BANNU	FR BANNU	FT/69/13/012	M	9	10-08-13	0	22-09-13	23-09-13	EV	Y	Y	Y		152		
178	FR BANNU	FR BANNU	FT/69/13/021	M	12	28-09-13	0	30-10-13	31-10-13	NVI	Y	Y	Y		103		
179	KHYBER	JAMRUD	FT/34/13/002	F	24	18-01-13	7+	21-02-13	23-02-13	NVI	N	Y	Y	Y	356		
180	KHYBER	JAMRUD	FT/34/13/017	M	14	08-06-13	0	16-06-13		NVI	Y	Y	Y	Y	215		
181	KHYBER	BARA	FT/34/13/016	F	10	06-06-13	0	21-06-13	23-06-13	NVI	Y	Y	Y		217		
182	KHYBER	BARA	FT/34/13/018	M	12	11-06-13	0	01-07-13	02-07-13	EV	Y	Y	Y		212		
183	KHYBER	BARA	FT/34/13/021	F	18	13-07-13	0	25-07-13	29-07-13	NVI	N	N	Y		180		
184	KHYBER	BARA	FT/34/13/037	M	13	26-09-13	0	11-10-13	12-10-13	NVI	Y	Y	Y		105		
185	KHYBER	LANDI KOTAL	FT/34/13/039	M	18	09-10-13	7+	Late Notified			Y	N	Y		92		
186	KHYBER	LANDI KOTAL	FT/34/13/044	M	44	30-06-13	7+				Y	Y	Y	Y	Y	Y	193
187	KHYBER	LANDI KOTAL	FT/34/13/048	M	12	25-09-13	7+				Y	Y	Y	Y	Y	Y	106
188	MOHMAND	UPPER MOHMAND	FT/35/13/003	F	18	18-04-13	7+	07-05-13	08-05-13	NVI	Y	Y	Y	Y	266		
189	MOHMAND	UPPER MOHMAND	FT/35/13/008	M	26	08-05-13	7+	22-06-13	23-06-13		Y	Y	Y		246		
190	WAZIR-N	MIRAN SHAH	FT/64/13/007	M	48	25-04-13	5	10-05-13	12-05-13	NVI	Y	N	Y	Y	259		
191	WAZIR-N	MIR ALI	FT/64/13/030	F	9	09-08-13	0	Late Notified			Y	N	N		153		
192	WAZIR-N	MIR ALI	FT/64/13/042	M	7	03-07-13	0	29-08-13	30-08-13	EV	Y	N	Y		190		
193	WAZIR-N	MIR ALI	FT/64/13/054	F	18	09-09-13	2	Late Notified			Y	N	Y		122		
194	WAZIR-N	MIR ALI	FT/64/13/090	M	12	20-09-13	0	24-10-13	25-10-13	VACC	Y	Y	Y		111		
195	WAZIR-N	MIRAN SHAH	FT/64/13/122	F	13	15-09-13	0	Late Notified			Y	Y	Y	Y	116		
196	WAZIR-N	MIRAN SHAH	FT/64/13/121	M	13	25-08-13	0				N	Y	Y	Y	Y	Y	137
197	WAZIR-N	MIRAN SHAH	FT/64/13/123	M	12	05-10-13	0				Y	Y	Y	Y	Y	Y	96
198	WAZIR-S	WANA	FT/65/13/006	F	26	13-07-13	7+	15-08-13	16-08-13	NVI	Y	Y	Y		180		
199	WAZIR-S	LADHA	FT/65/13/012	F	36	01-10-13	1	21-10-13	22-10-13	EV	Y	Y	Y		100		
200	WAZIR-S	WANA	FT/65/13/005	F	12	25-04-13	1	19-06-13	20-06-13	NVI	UK	N	UK		259		
201	WAZIR-S	WANA	FT/65/13/010	F	23	21-09-13	5	27-09-13		NVI	Y	N	UK		110		

€ Based on recall of parents

\* Afp.rec Data as of 09-01-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.