



**World Health  
Organization**

# **Weekly AFP Surveillance Update Pakistan**

**Week 4** (*Ended on 25<sup>th</sup> January, 2014*)

AFP Surveillance



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

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

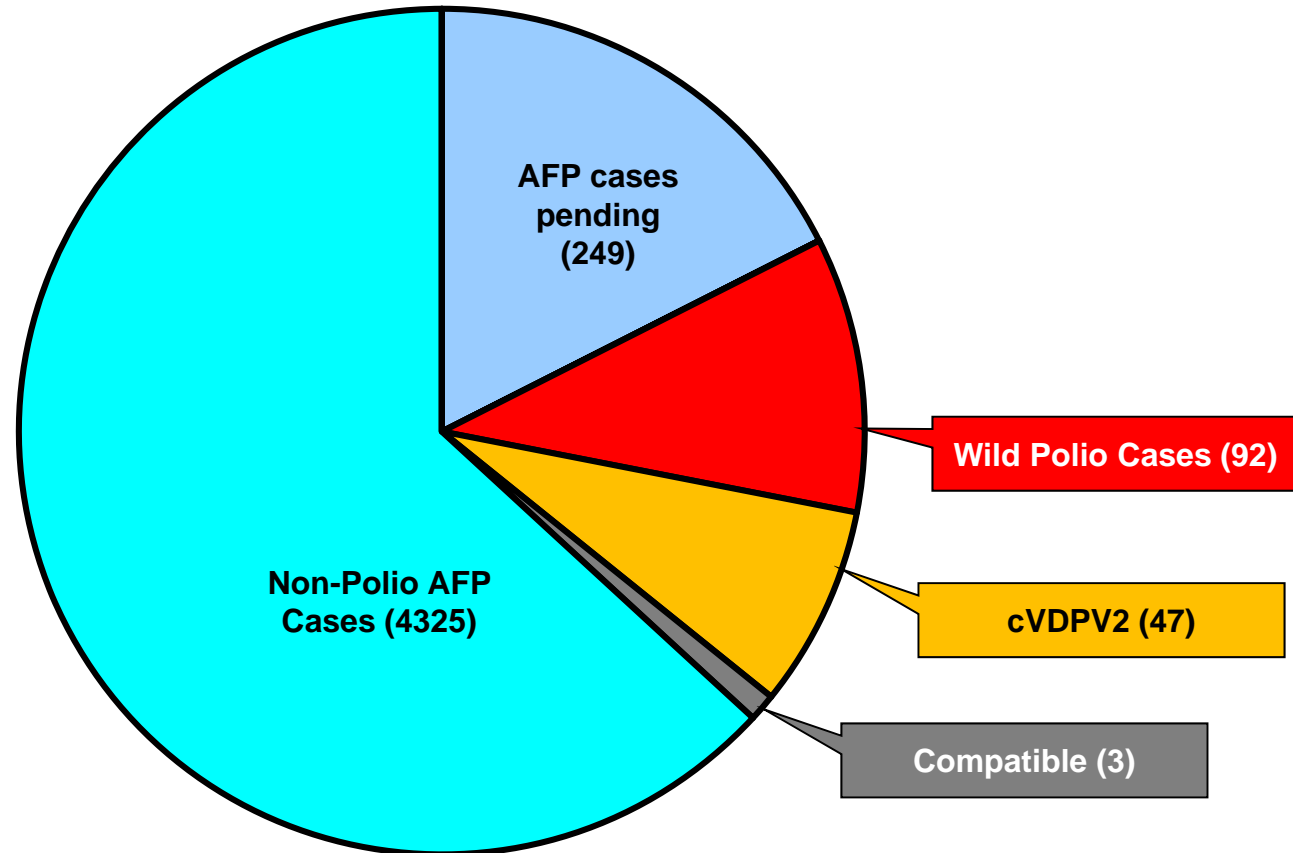
Tel: +92-51 9255123 / 9255282 /9255184

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\*

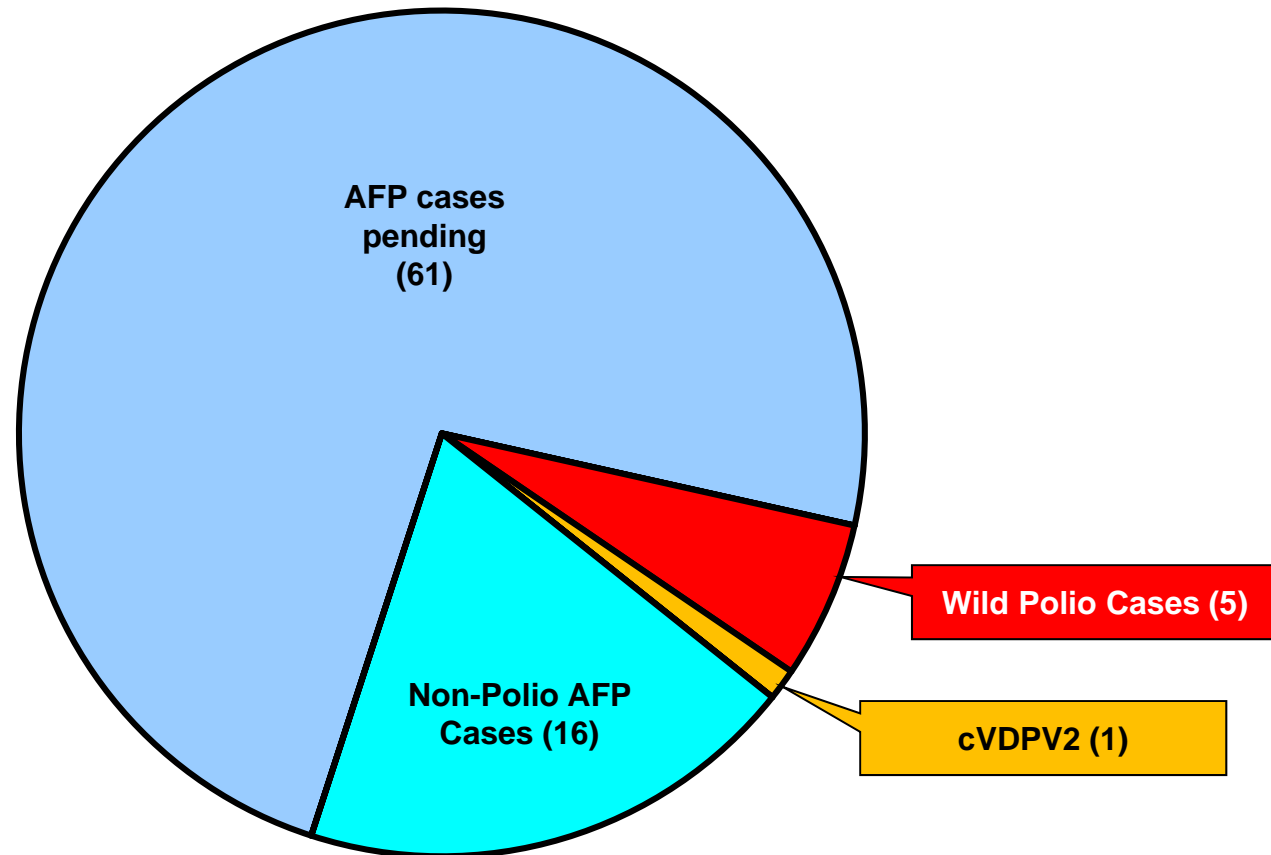


**Total AFP Cases Reported = 4716**

**^142 Inadequate cases pending classification by ERC;  
^87 Inadequate cases not due for FUP  
^20 Pending in the Lab**

\* Afp.rec Data as of 20-01-2014

# AFP Case Profile, 2014\*



**Total AFP Cases Reported = 83**

**^2 Inadequate cases pending classification by ERC;  
^4 Inadequate cases not due for FUP  
^55 Pending in the Lab**

\* Afp.rec Data as of 20-01-2014

## Point in Time 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	
<b>Khyber Pakhtunkhwa</b>	27	11	13	6	31-Dec-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>92</b>	<b>28</b>	<b>22</b>	<b>31-Dec-13</b>

**5 Polio Cases for 2014 reported from FATA, North Waziristan Agency**

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

\* Afp.rec Data as of 20-01-2014

**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	SIA's						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 20-01-2014

**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 20-01-2014

**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	SIA'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 20-01-2014

**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	R4B
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	R4B
82	FATA	WAZIR-N\$	MIR ALI	FT/64/13/127	M	24	10-Dec-13	0	0	Y	Y	Y	N	NSL1	R4B
83	SINDH	BALDIA	BALDIA	SD/61/13/012	M	24	10-Dec-13	2	4	Y	Y	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	R4B
85	PUNJAB	TTSINGH	KAMALIA	PB/52/13/058	M	14	12-Dec-13	3	7^	Y	N	Y	N	NSL1	R4B
86	FATA	WAZIR-S\$	LADHA	FT/65/13/015	M	15	16-Dec-13	0	0	Y	Y	Y	N	NSL1	R4B
87	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/131	M	24	16-Dec-13	0	0	Y	Y	Y	N	NSL1	R4B
88	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/13/132	M	15	22-Dec-13	0	0	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 20-01-2014



**Table 1.4: 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	R4B
91	FATA	KHYBER\$	BARA	FT/34/13/055	M	15	28-Dec-13	3	0	Y	Y	Y	N	NSL1	R4B
92	KP	PESHAWAR	PESHAWAR	KP/30/13/121	F	11	31-Dec-13	3	0	Y	Y	Y	N	NSL1	

\$ Security compromised area

**New Case**

^Under investigation

\* Afp.rec Data as of 20-01-2014

**Table 1: List of Confirmed Polio Cases, Pakistan 2014\* (1/1)**

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	SIA's						Cluster
1	FATA	WAZIR-N\$	MIR ALI	FT/64/14/006	F	19	03-Jan-14	0	0	Y	Y	Y	N	NSL1	
2	FATA	WAZIR-N\$	MIR ALI	FT/64/14/003	M	14	03-Jan-14	0	0	Y	Y	Y	N	NSL1	
3	FATA	WAZIR-N\$	MIR ALI	FT/64/14/007	F	8	04-Jan-14	0	0	Y	Y	Y	N	NSL1	
4	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/005	F	17	05-Jan-14	0	0	Y	Y	Y	N	NSL1	
5	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/004	F	13	04-Jan-14	0	0	Y	Y	Y	N	NSL1	

\$ Security compromised area

**New Case**

^Under investigation

\* Afp.rec Data as of 20-01-2014

## **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	374	273	0	0	27	7	65	17%	10	375	100%
December	358	269	5	2	17	5	51	14%	16	353	99%
Pakistan	4666	3359	5	2	238	5	976	21%	92	4665	100%
2014											
January	145	52	73	3	2	1	9	6%	5	68	47%

\* Data as of 20-01-2014

## Table 3: Urgent / ITD Pending Cases (1/1)

S. #	Basic information									OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks
	District	Tehsil	Union council	Epid number	Date of Onset	Age (M)	Sex	Date of 1st stool	Stool Adeq	RI	SIA <sub>s</sub>	Last 6 SIA <sub>s</sub>	Last dose	By Field	By NSC <sub>Y</sub>		Lab No.	Days Inoc	Culture update	
<b>Isolates pending for ITSD</b>																				
1	KHYBER	LANDI KOTAL	DILKHAD	FT/34/14/001	14-Jan-14	16	F	16-Jan-14	Y	3	7+	6	12-Jan-14	N	N	TRAUMATIC NEURITIS	136	3	SL1,3	Waiting rRTPCR for VDPV
2	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	5	P2	Discordant U
3	WAZIR-N	MIR ALI	NAURAK	FT/64/14/008	08-Jan-14	10	M	10-Jan-14	Y	0	0	0		Y	Y	POLIO	110	4	P2	Discordant U
4	WAZIR-N *	MIR ALI	NAURAK	FT/64/14/012	16-Jan-14	23	M	18-Jan-14		0	0	0		Y	Y	POLIO	174	5	L20B+	
5	KHILANDHI	LANDHI	2	SD/69/13/012	31-Dec-13	25	M	03-Jan-14	Y	0	0	0		Y	N	POLIO / SPINAL MUSCULAR ATROPHY	6121	5	P1	Discordant U
<b>Reported urgent (by field / NSC<sub>Y</sub> criteria)</b>																				
6	WAZIR-N	MIRAN SHAH	HAMZONI-2	FT/64/14/011	10-Jan-14	12	F	16-Jan-14	Y	0	0	0		Y	Y	SUSPECTED POLIO	164	5	UP	
7	WAZIR-N	MIR ALI	NAURAK	FT/64/14/012	16-Jan-14	23	M	18-Jan-14	Y	0	0	0	12-Jan-14	Y	Y	POLIO	174	5	UP	
8	ABOTABAD	HAVALIAN	LANGRA BANDA	KP/10/14/004	12-Jan-14	4	M	16-Jan-14	Y	2	3	2	02-Nov-13	N	Y	ENCEPHALITIS	157	5	UP	
9	TTSINGH *	TTSINGH	28	PB/52/14/006	17-Jan-14	12	M	21-Jan-14	Y	3	7+	6	09-Jan-14	Y	N	ENCEPHALITIS / CHILDHOOD	212	3	UP	
10	THATTA	JATI	GUL	SD/22/14/001	08-Jan-14	12	F	16-Jan-14	Y	0	5	4	20-Dec-13	N	Y	ARTHRITIS LEFT KNEE JOINT	160	5	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\****

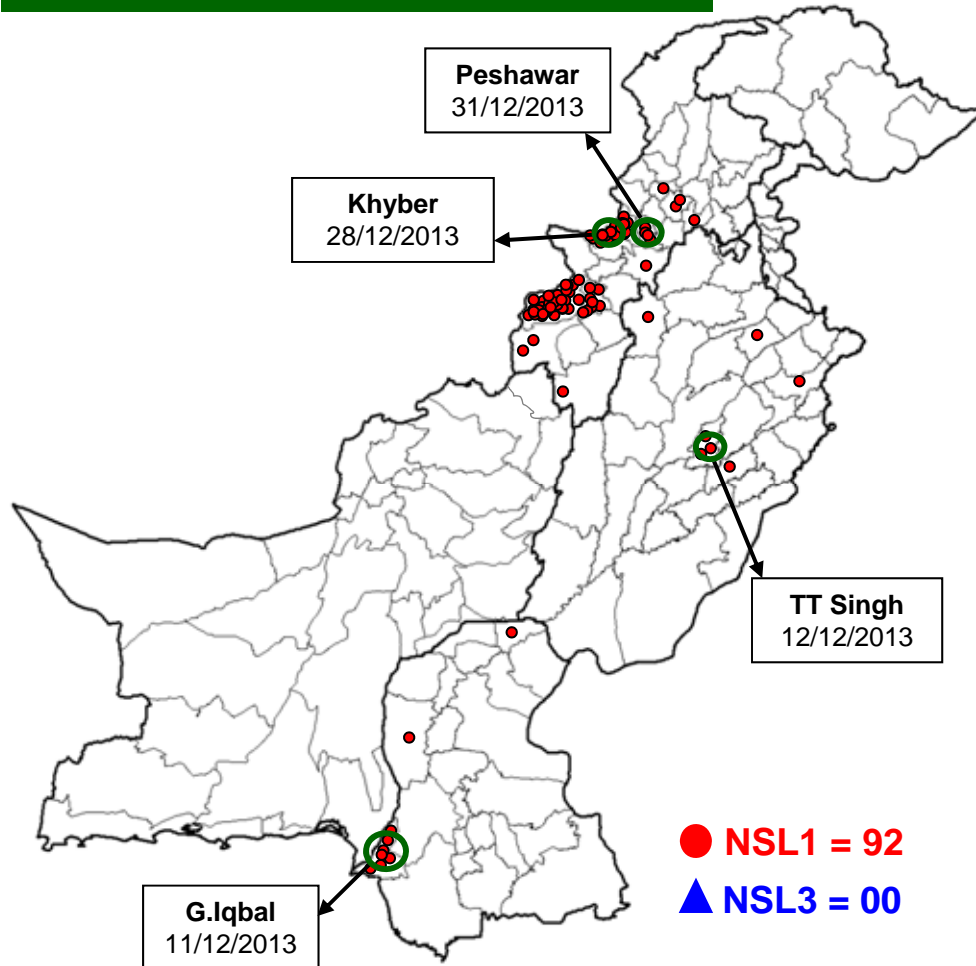
DISTRICT	2012			2013			Last
	TOTAL	WILD		TOTAL	WILD		
	n	n	%	n	n	%	
LAHORE	36	18	50%	60	4	7%	12-Dec-13
MULTAN	36	4	11%	36	2	6%	09-Dec-13
RAWALPINDI	12	7	58%	12	5	42%	25-Nov-13
FAISALABAD	8	1	13%	36	1	3%	03-Jan-13
KHIGIQBAL	24	4	17%	24	4	17%	08-Nov-13
KHIGADAP	24	16	67%	34	13	38%	11-Dec-13
KHIBALDIA	24	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 20-01-2014

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	Dec, 2013	Oct, 2010	11	-
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>92</b>	<b>-</b>

○ District with last polio case in province

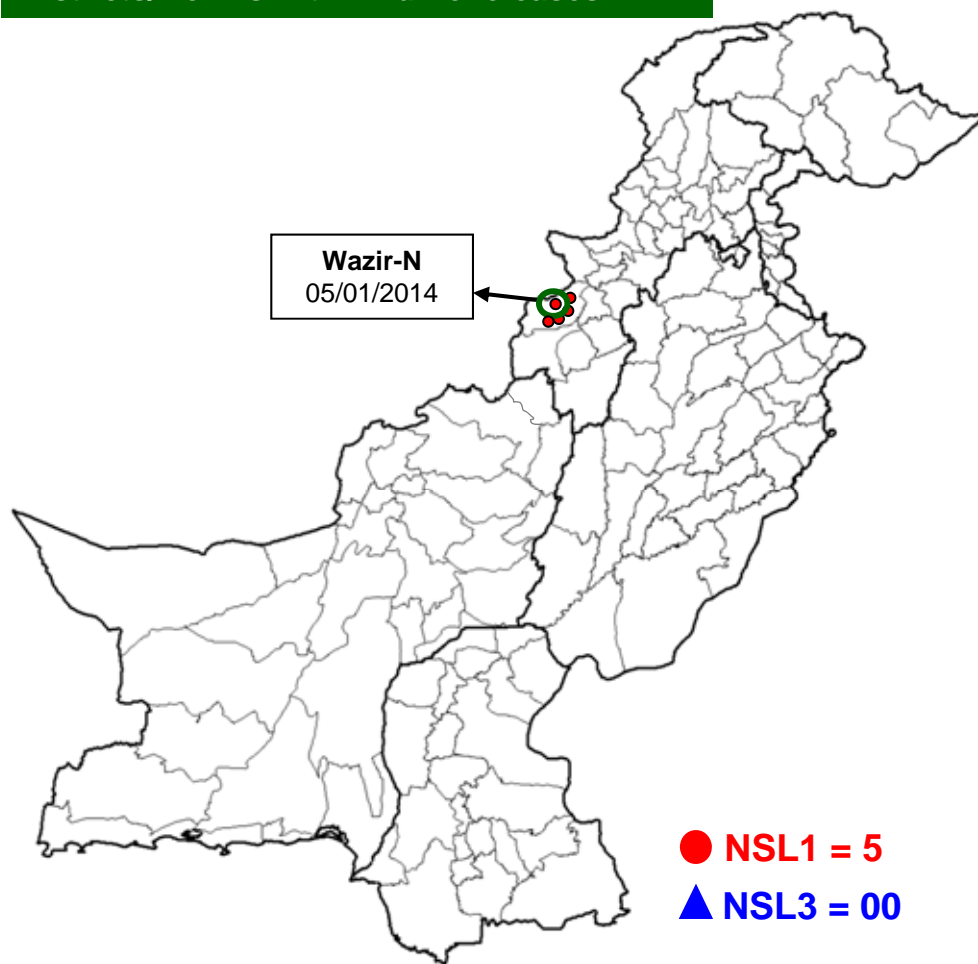
Cases randomly placed  
in districts

Provincial Boundary  
 Districts Boundary

\* Afp.rec Data as of 20-01-2014

# Map1: Distribution of Wild Polio cases Pakistan 2014\*

Districts/ Towns with Wild Polio cases = 1



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	-	Jun, 2010	-	-
SINDH	-	Jan, 2010	-	-
KHYBER- PAKHTUNKHWA	-	Oct, 2010	-	-
FATA	Jan, 2014	Apr, 2012	5	-
BALUCHISTAN	-	Apr, 2010	-	-
AJK	-	Jun, 2000	-	-
GILGIT-BALTISTAN	-	-	-	-
ISLAMABAD	-	Sep, 2008	-	-
<b>PAKISTAN</b>	Jan, 2014	Apr, 2012	5	-

District with last polio case in province

Cases randomly placed  
in districts

Provincial Boundary  
 Districts Boundary

\* Afp.rec Data as of 20-01-2014



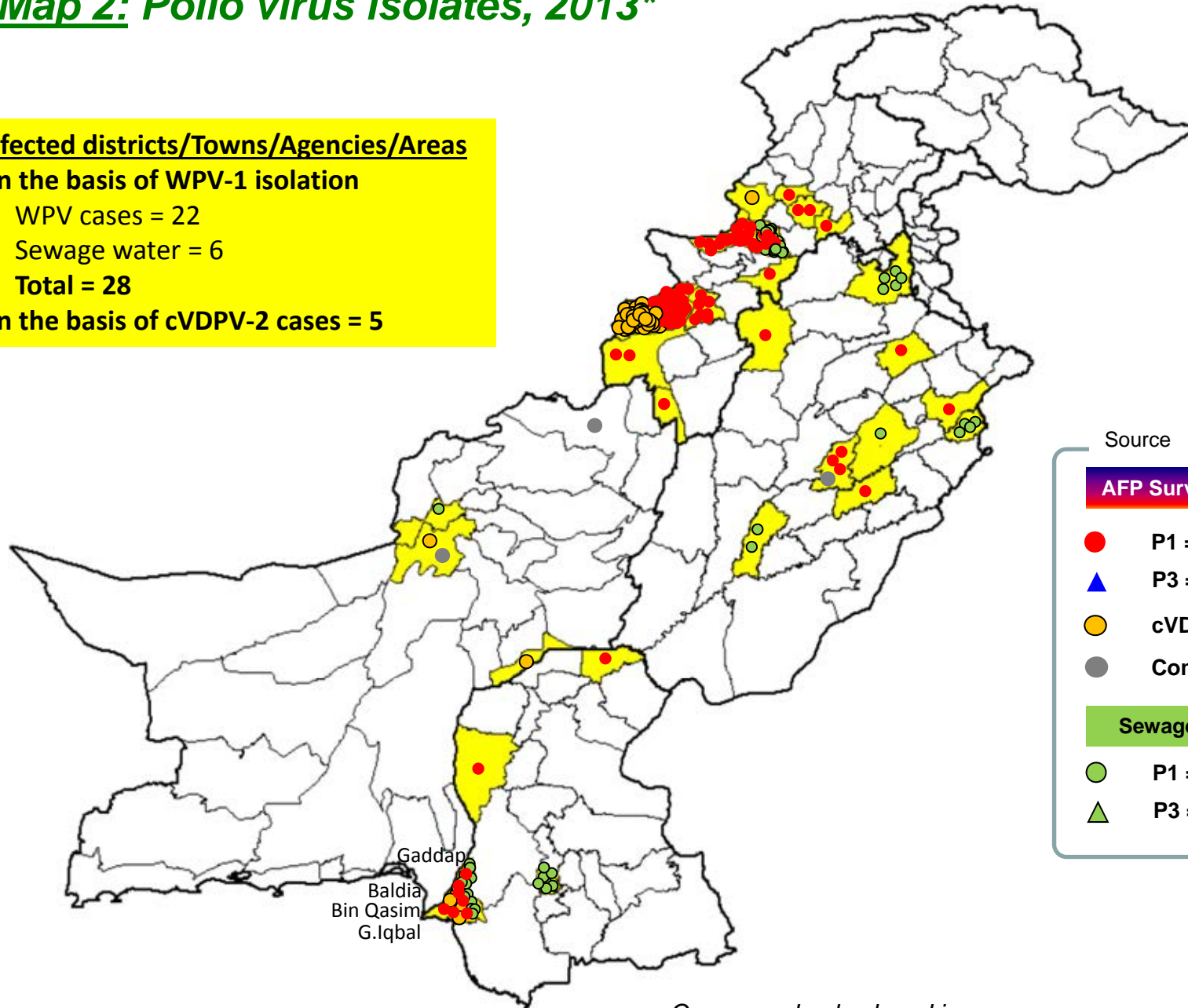
## Map 2: Polio virus isolates, 2013\*

### 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 = 92
- ▲ P3 = 0
- cVDPV-2 = 47
- Compatible = 3

##### Sewage water

- P1 = 59
- ▲ P3 = 0

*Cases randomly placed in districts*

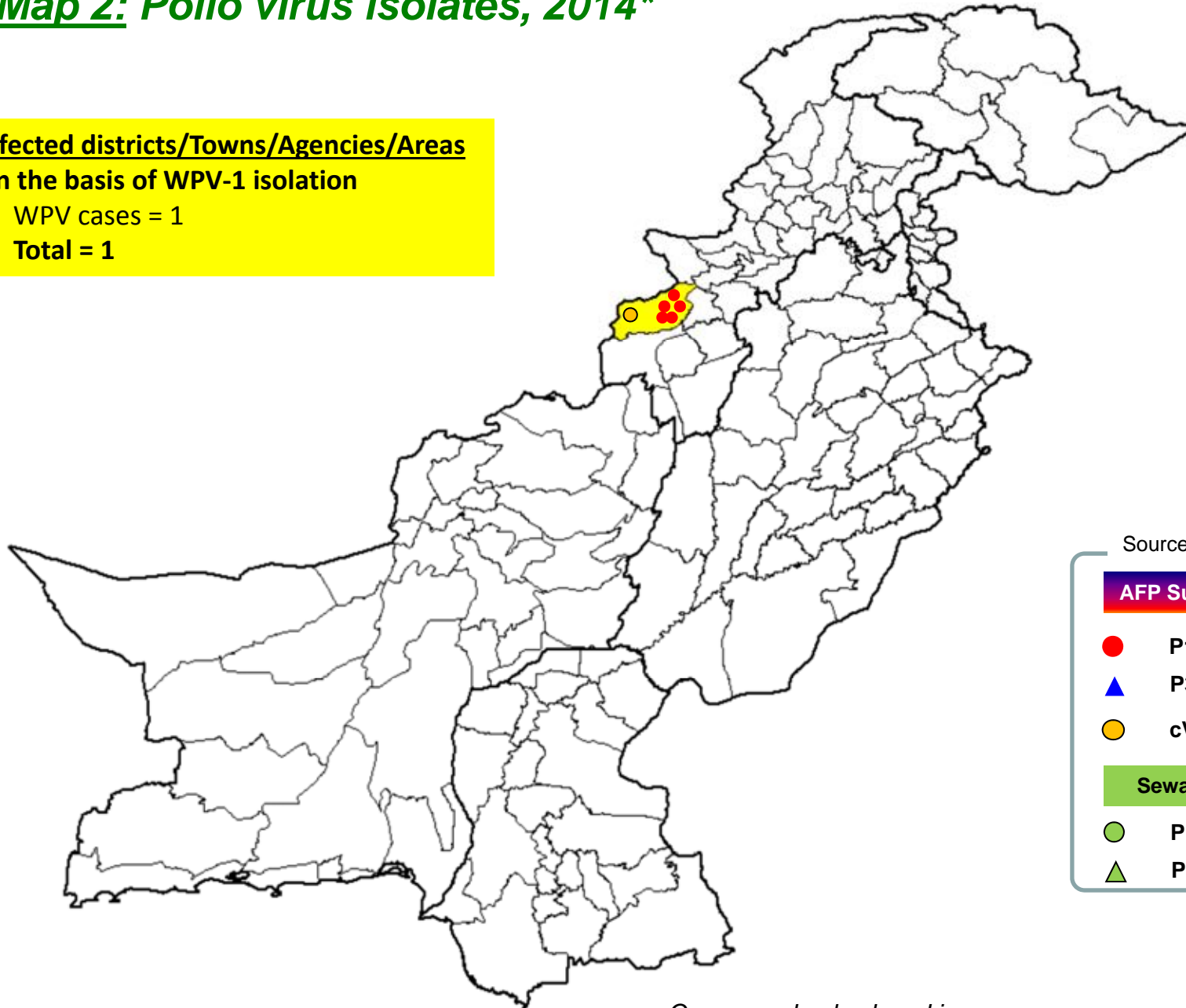
- Provincial Boundary
- Districts Boundary

\* Afp.rec Data as of 20-01-2014

## Map 2: Polio virus isolates, 2014\*

### Infected districts/Towns/Agencies/Areas On the basis of WPV-1 isolation

- WPV cases = 1
- Total = 1



Source

#### AFP Surveillance

- P1 = 5
- ▲ P3 = 0
- cVDPV-2 = 1

#### Sewage water

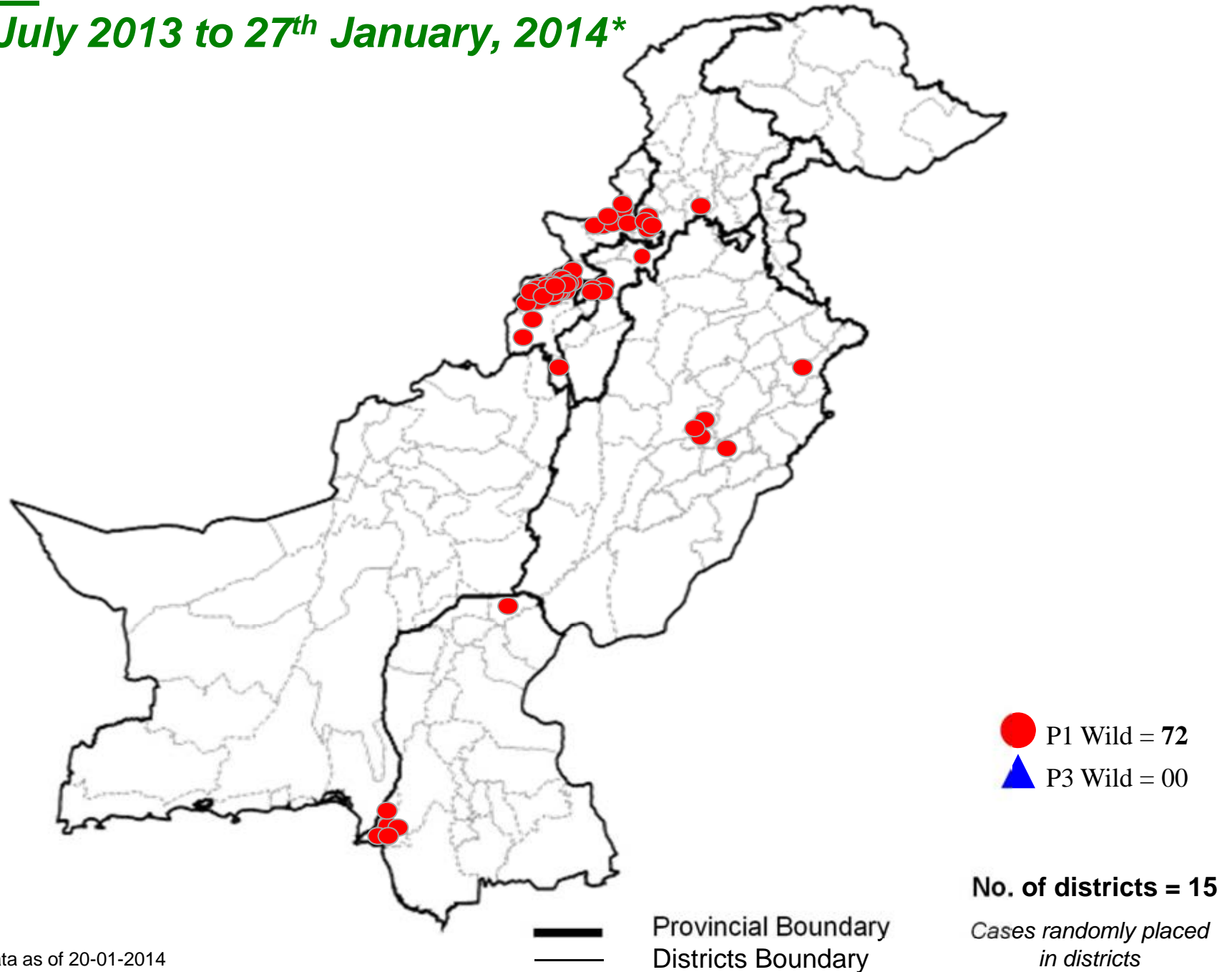
- P1 = 0
- ▲ P3 = 0

*Cases randomly placed in  
districts*

— Provincial Boundary  
— Districts Boundary

\* Afp.rec Data as of 20-01-2014

**Map 3: Wild Polio cases in the last 6 months from 28<sup>th</sup> July 2013 to 27<sup>th</sup> January, 2014\***



\* Afp.rec Data as of 20-01-2014

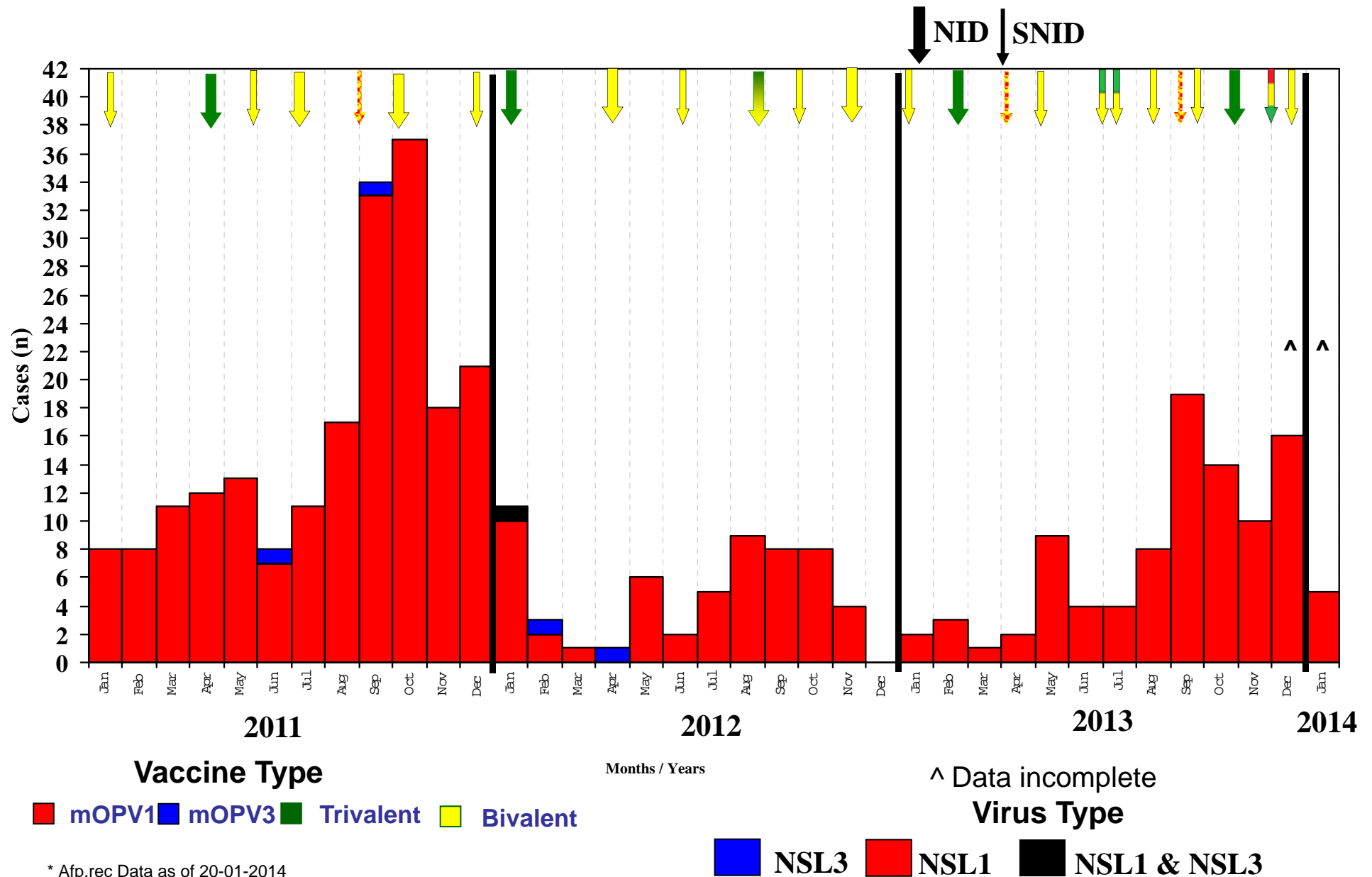
**Table 4: Distribution of AFP Cases By Week of Onset ^  
Pakistan 2013\* [Week number/Ending on]**

PROVINCE	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	W 01 04 Jan 2014	W 02 11 Jan 2014	W 03 18 Jan 2014
PUNJAB	26	28	44	45	41	35	42	29	35	40	22	48	27	28	17
SINDH	12	13	22	11	19	18	24	21	15	18	11	16	9	17	8
KP	18	14	23	26	18	18	18	23	19	19	19	21	12	13	5
FATA	11	6	16	10	3	12	7	5	7	5	5	9	8	5	3
BALUCHISTAN	4	2	5	4	5	3	10	3	5	5	2	4	1	4	2
AJK	0	0	1	1	2	0	1	1	2	0	0	2	1	2	0
GILGIT BILTISTAN	0	0	1	0	1	1	0	1	1	0	0	0	0	0	0
ISLAMABAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PAKISTAN</b>	<b>71</b>	<b>63</b>	<b>112</b>	<b>97</b>	<b>89</b>	<b>87</b>	<b>102</b>	<b>83</b>	<b>84</b>	<b>87</b>	<b>59</b>	<b>100</b>	<b>58</b>	<b>69</b>	<b>35</b>

\* Afp.rec & Afplab.rec: Data as of 20-01-2014

^ MMWR Epidemiological Weeks

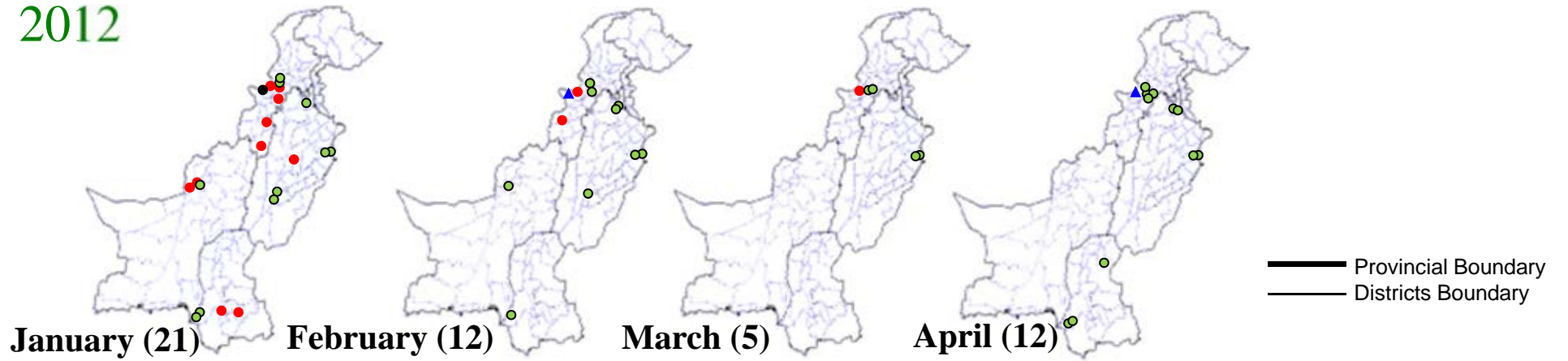
# Confirmed Polio Cases By Poliovirus Type, 2011-2014\*



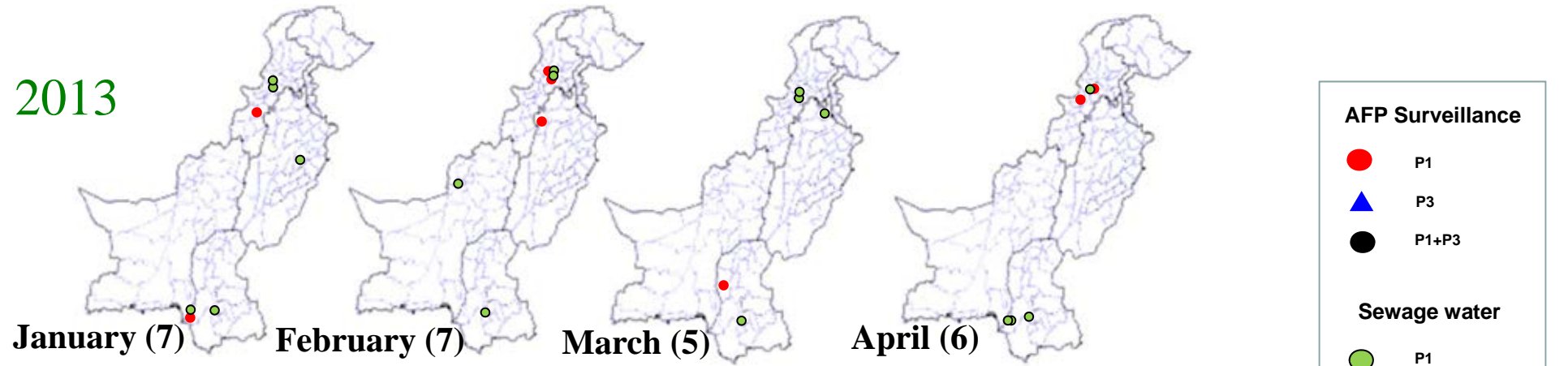
\* Afp.rec Data as of 20-01-2014

# Map 4: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2012-2014\*

2012



2013



2014



**AFP Surveillance**

- P1
- ▲ P3
- P1+P3

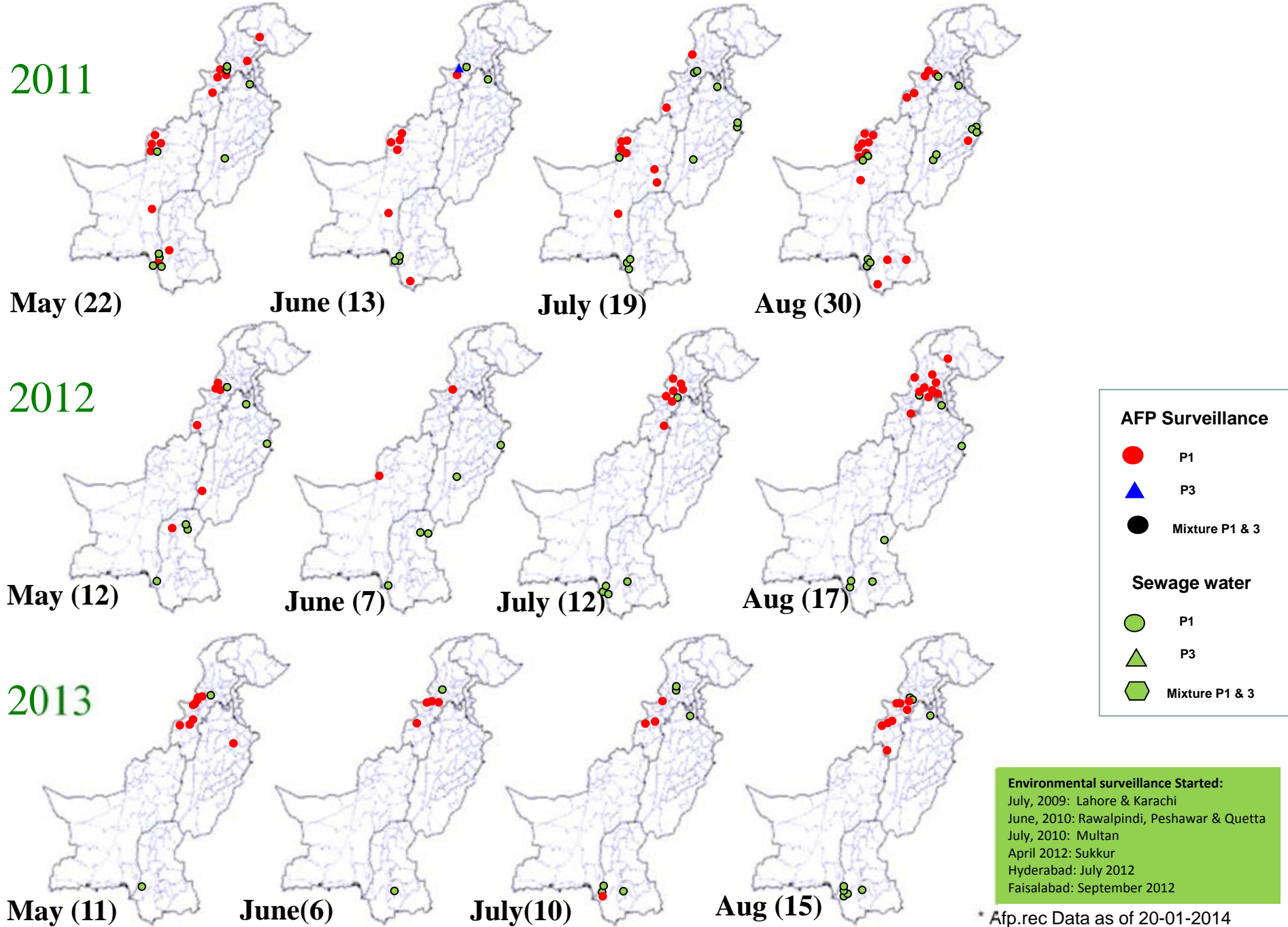
**Sewage water**

- P1
- ▲ P3
- ⬡ Mixture P1 & 3

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

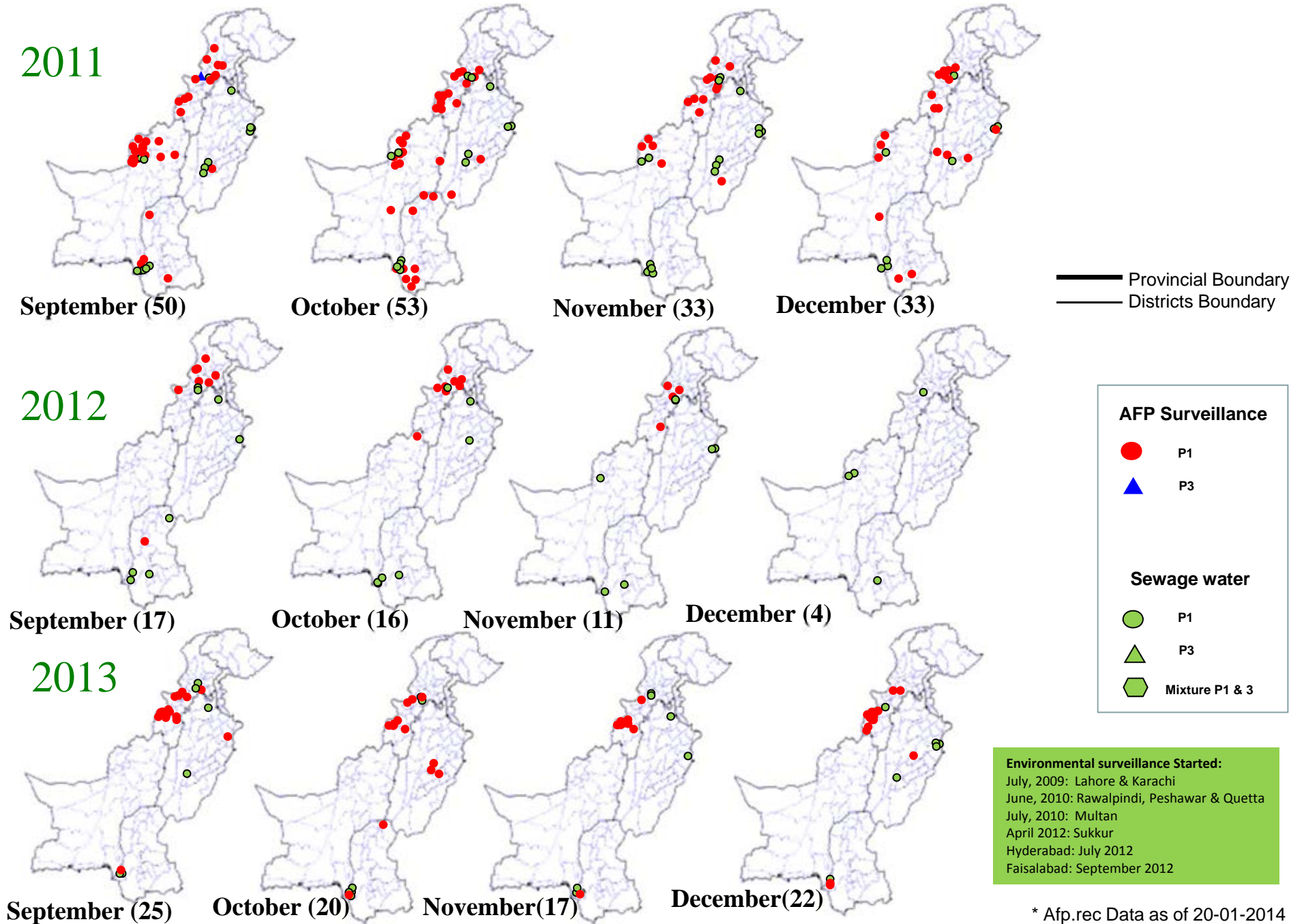
\* Afp.rec Data as of 20-01-2014

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



\* Afp.rec Data as of 20-01-2014

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



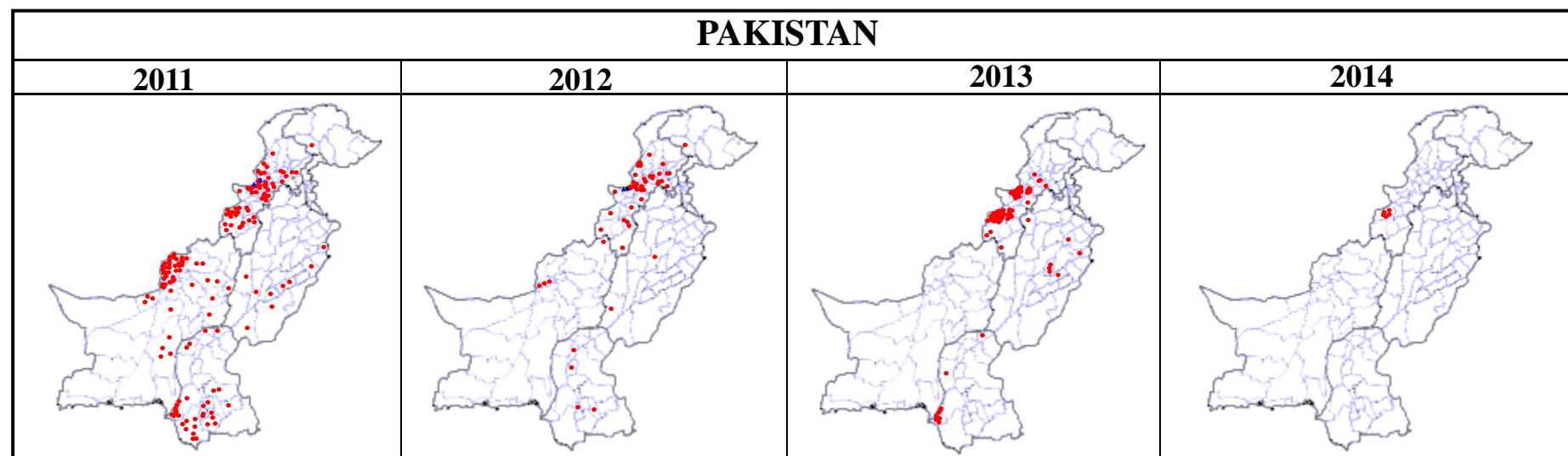
\* Afp.rec Data as of 20-01-2014



## Table 5: Polio Eradication Update, Pakistan 2011-2014\*

Province/Region	Polio 1				Polio 3				Total Wild			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
PUNJAB	9	2	7	-	0	-	-	-	9	2	7	-
SINDH	33	4	9	-	0	-	-	-	33	4	9	-
KP	23	27	11	-	0	-	-	-	23	27	11	-
FATA^	57	17	65	5	2	2	-	-	59	20^	65	5
BALUCHISTAN	73	4	-	-	0	-	-	-	73	4	-	-
AJK	0	-	-	-	0	-	-	-	0	-	-	-
Gilgit-Baltistan	1	1	-	-	0	-	-	-	1	1	-	-
ISLAMABAD	0	-	-	-	0	-	-	-	0	-	-	-
<b>PAKISTAN</b>	<b>196</b>	<b>55</b>	<b>92</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>198</b>	<b>58</b>	<b>92</b>	<b>5</b>

^ FATA reported mixture of NSL1 & NSL3



\* Afp.rec Data as of 20-01-2014

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

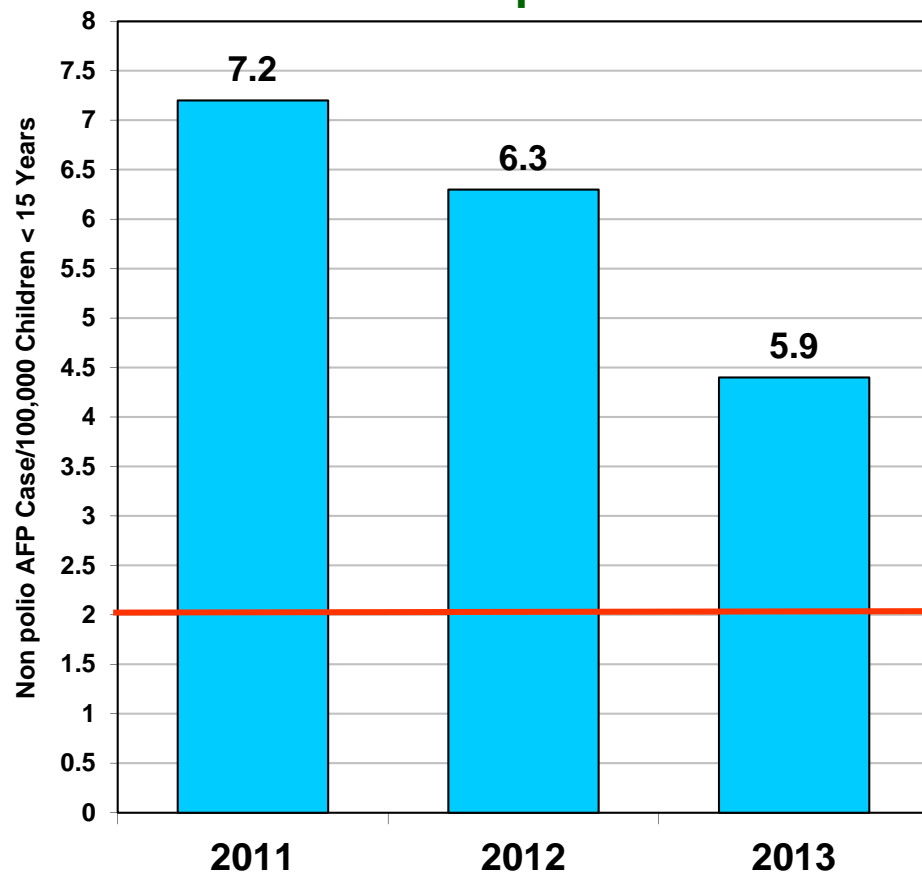
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	10	11	12	13	10	11	12	13	10	11	12	13	10	11	12	13	10	11	12	13
Central Punjab	0%	0%	0%	0%	1%	1%	0%	0%	1%	2%	0%	1%	7%	6%	4%	7%	91%	92%	95%	91%
North Punjab	0%	0%	0%	0%	0%	1%	0%	0%	2%	1%	0%	0%	6%	5%	4%	4%	91%	93%	96%	96%
South Punjab	0%	0%	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>6%</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 20-01-2014

# Key Surveillance Indicators; 2011-2013\*

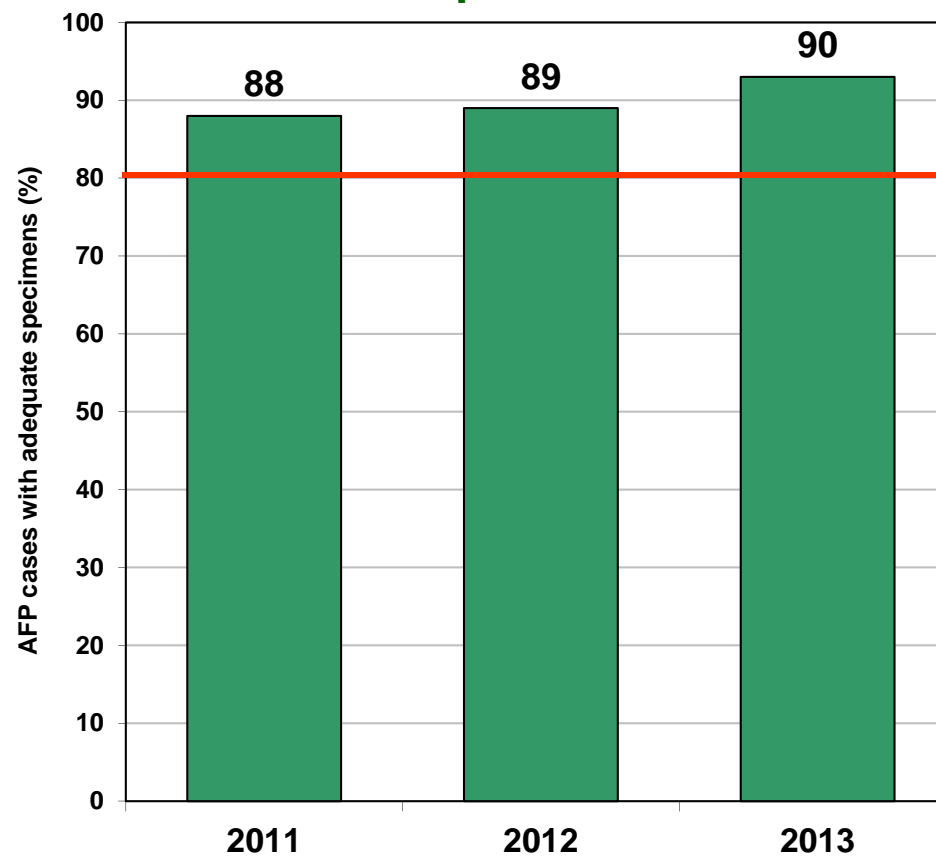
(Non polio AFP rate and % AFP cases with adequate specimens)

**Graph 3**



■ Non Polio AFP Rate

**Graph 4**



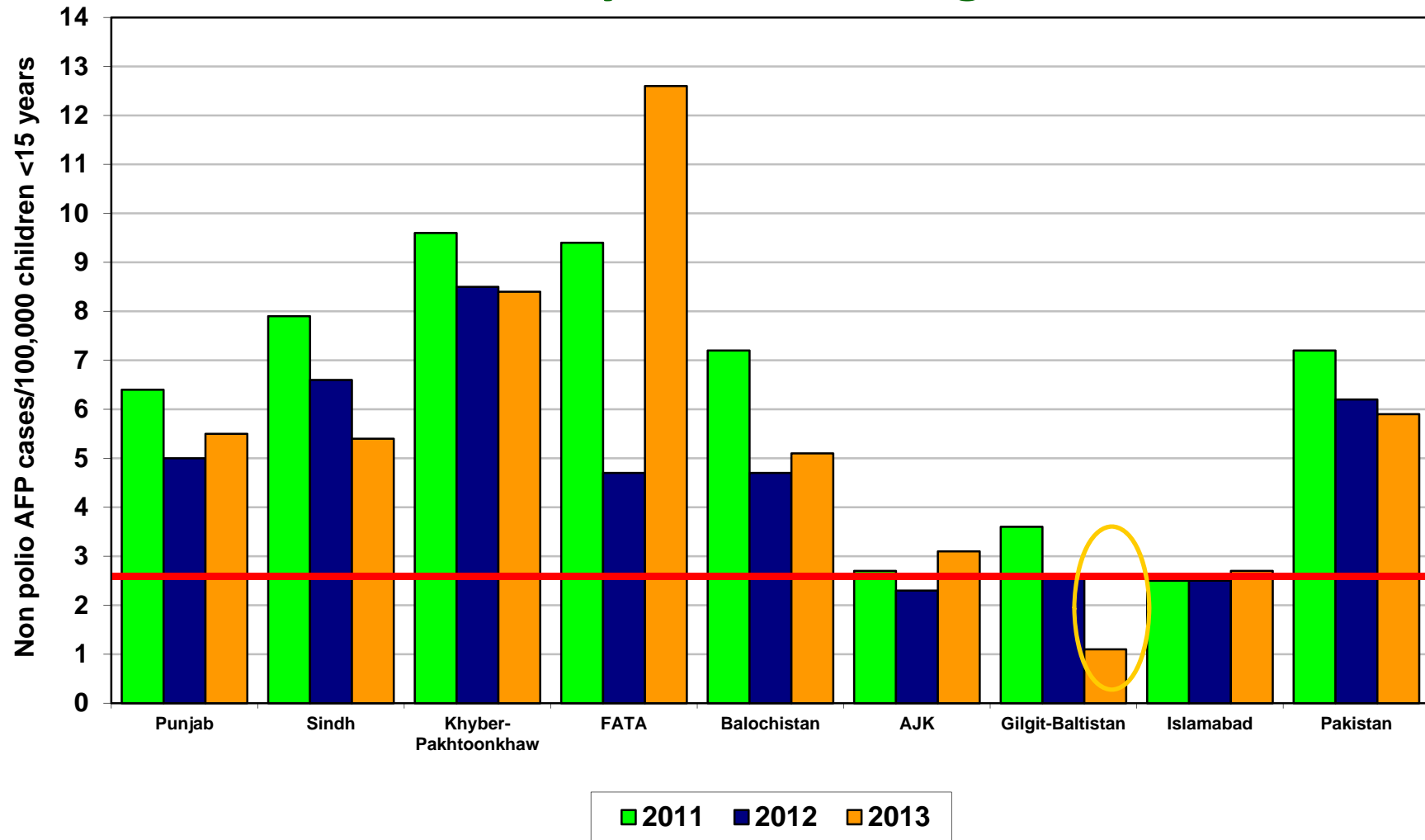
■ % AFP with Adequate Specimens

— Target

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

\* Afp.rec Data as of 20-01-2014

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

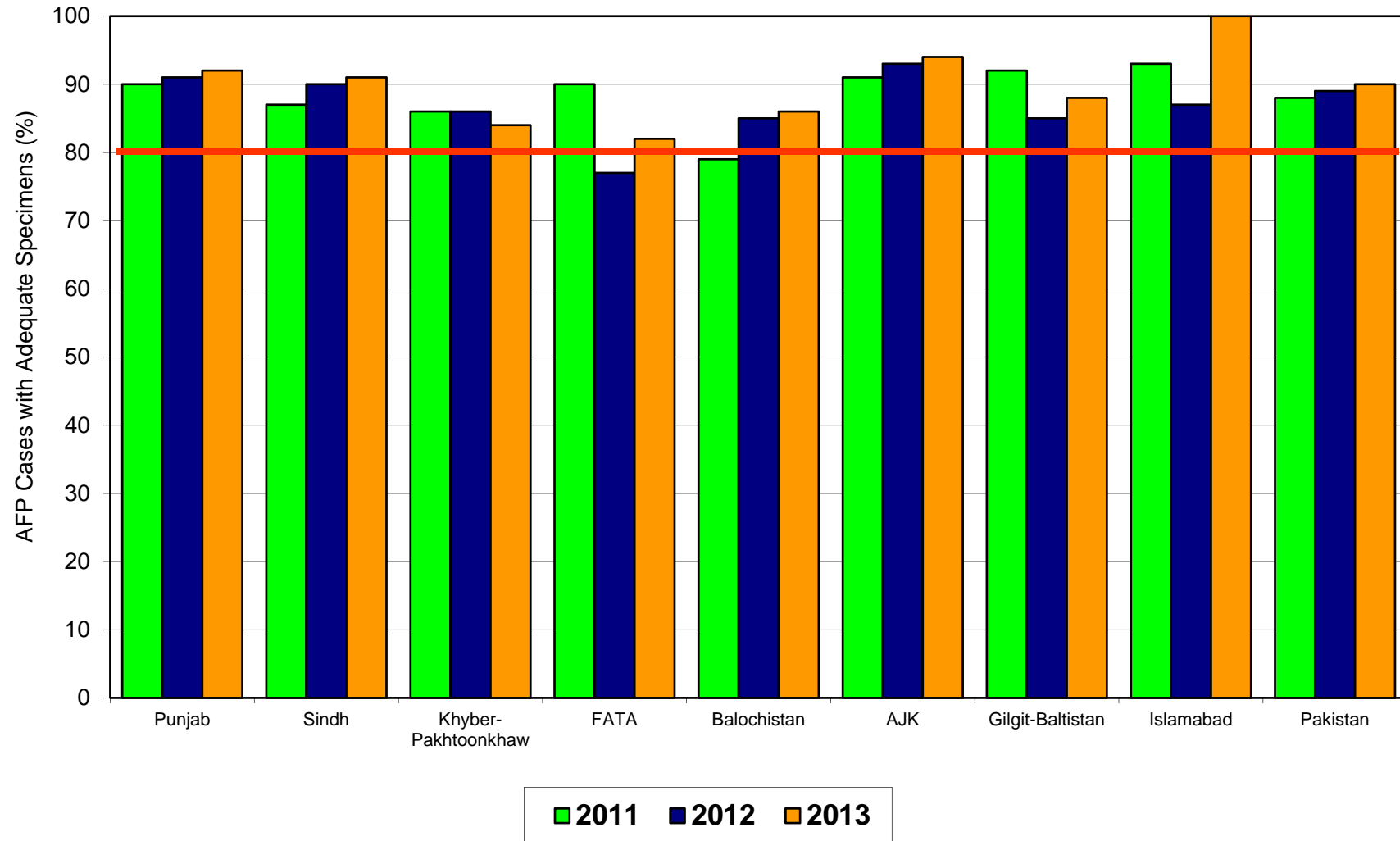


Non Polio AFP rate Up to Week No. 52 ended on 28<sup>th</sup> December, 2013

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

\* Afp.rec Data as of 20-01-2014

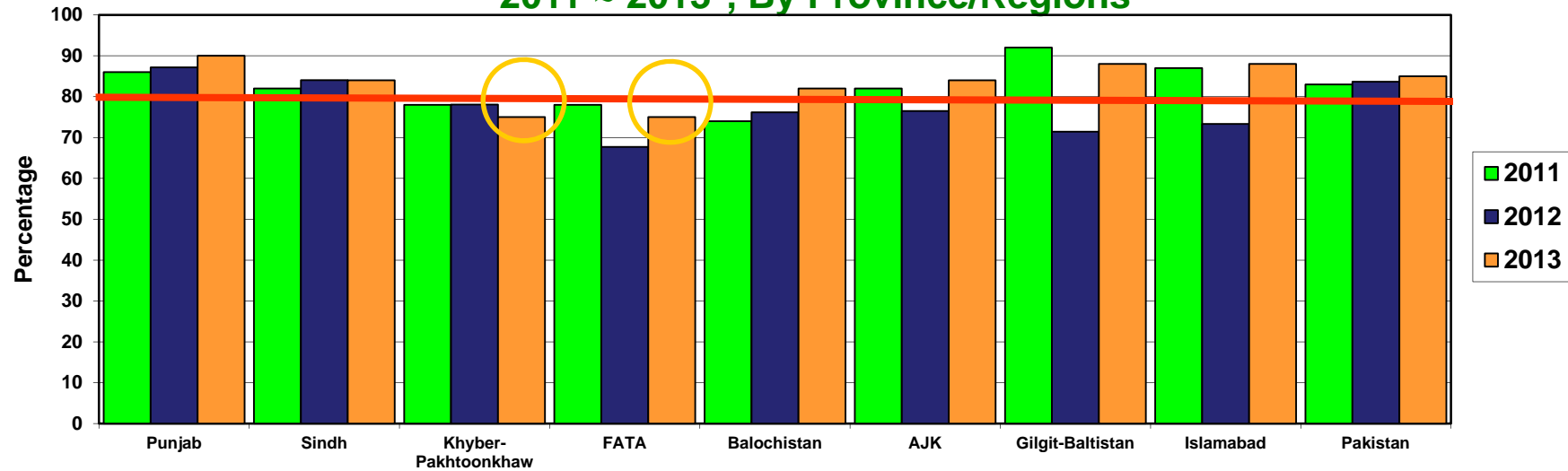
# Percent AFP Cases with Adequate Specimens By Province/Regions, 2011-2013\*



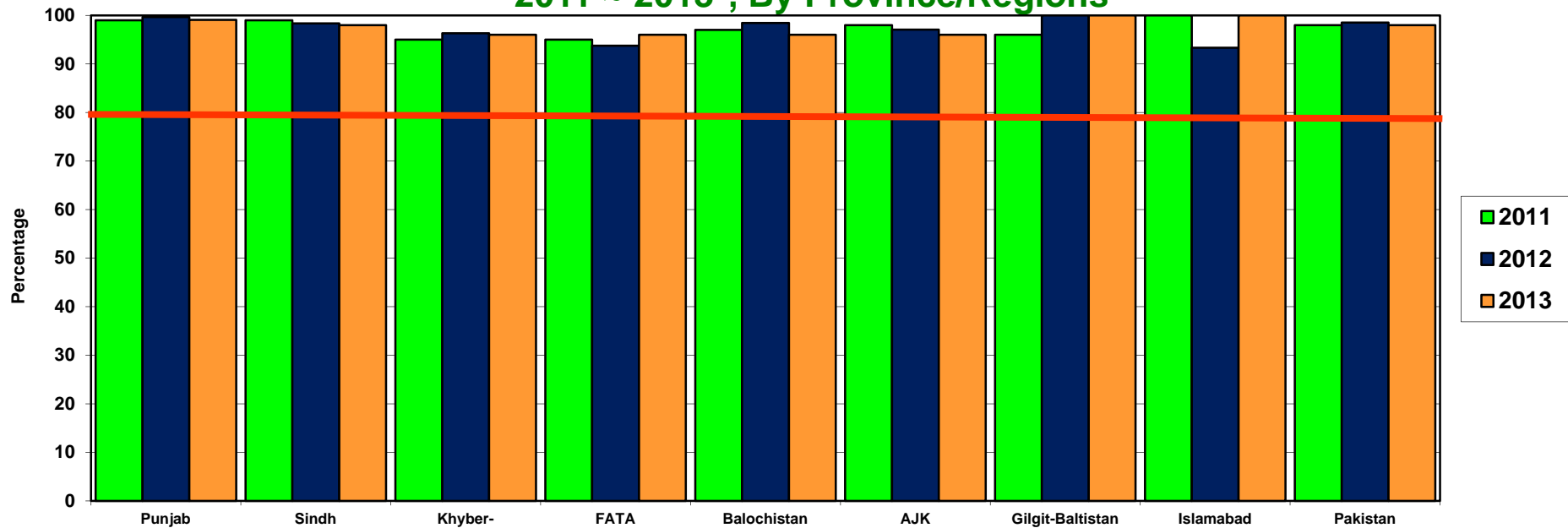
\* Afp.rec Data as of 20-01-2014

Target Adequate Sample cases = 80%

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



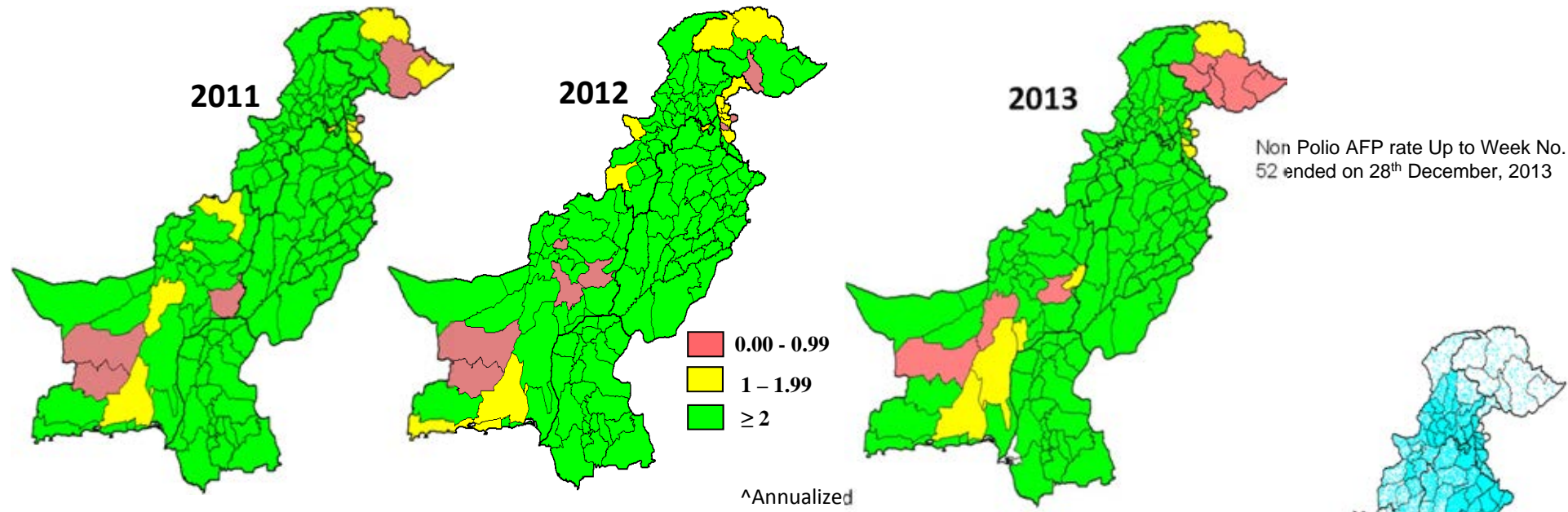
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification  
2011 ~ 2013\*, By Province/Regions**



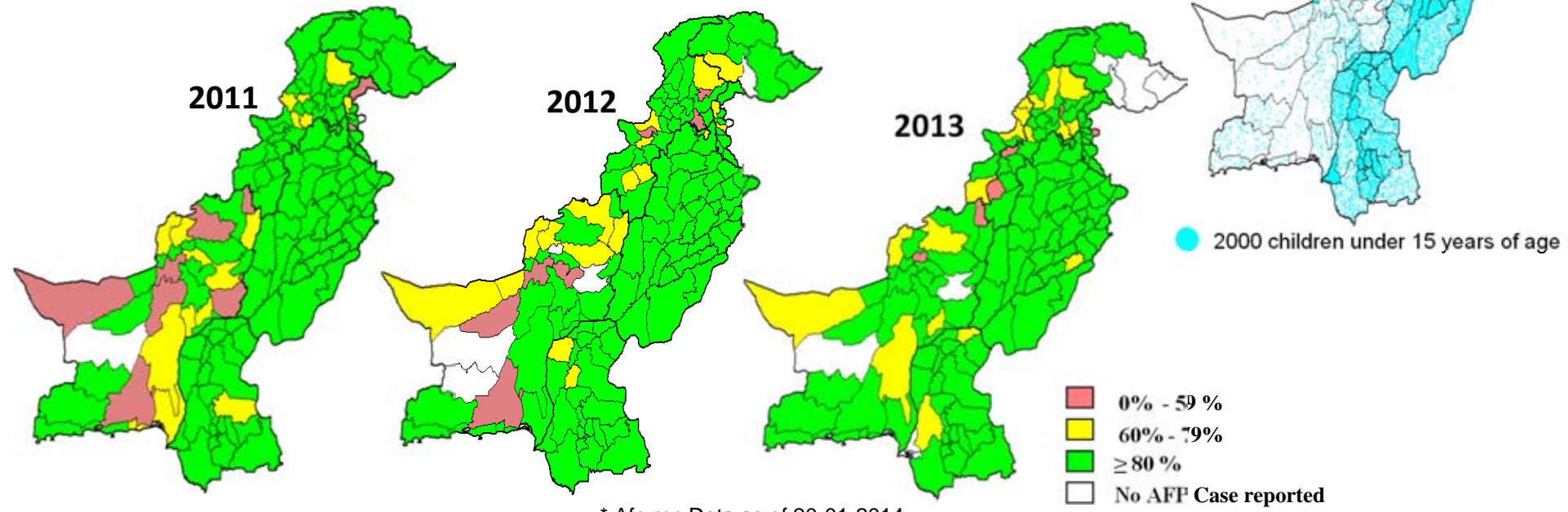
\* Afp.rec Data as of 20-01-2014

— Target

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



### Percent AFP Cases with Adequate Specimens, by District



\* Afp.rec Data as of 20-01-2014

**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	387
2	MARDAN	MARDAN	KP/40/13/007	M	29	17-01-13	7+	06-02-13	07-02-13	EV	Y	Y	Y	Y	371
3	PESHAWAR	PESHAWAR	KP/30/13/008	M	96	15-01-13	7+	26-02-13	27-02-13	NVI	N	N	Y	Y	373
4	SWAT	SWAT	KP/24/13/004	M	120	20-02-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	337
5	WAZIR-N	MIRAN SHAH	FT/64/13/001	M	96	08-02-13	6	13-02-13		NVI	Y	N	Y	DIED	349
6	FAISALABAD	TANGLIAN WALA	PB/51/13/049	F	18	22-05-13	7+	27-06-13	28-06-13	NVI	Y	Y	UK	Y	246
7	FAISALABAD	FAISALABAD CITY	PB/51/13/061	F	144	01-08-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	175
8	FAISALABAD	FAISALABAD SADAR	PB/51/13/066	M	3	17-08-13	3	01-09-13	03-09-13	NVI	Y	Y	Y	DIED	159
9	FAISALABAD	FAISALABAD SADAR	PB/51/13/085	M	48	20-10-13	7+	07-11-13	09-11-13	NVI	Y	Y	Y	Y	95
10	FAISALABAD	FAISALABAD CITY	PB/51/13/086	F	120	01-08-13	7+	Late Notified			Y	Y	Y	Y	175
11	FAISALABAD	FAISALABAD SADAR	PB/51/13/098	M	124	12-10-13	7+				Y	Y	Y		103
12	FAISALABAD	TANGLIAN WALA	PB/51/13/103	M	24	15-10-13	7+				N	Y	UK	Y	100
13	GUJRANWALA	KHIALI SHAHPUR	PB/21/13/055	M	96	14-06-13	7+	03-07-13	05-07-13	NVI	Y	Y	Y	Y	223
14	GUJRANWALA	KAMOKE	PB/21/13/087	F	72	21-09-13	7+	07-10-13	08-10-13	NVI	Y	Y	Y	Y	124
15	GUJRANWALA	KAMOKE	PB/21/13/090	M	96	25-06-13	7+	Late Notified			N	Y	Y	Y	212
16	JHELUM	SOHAWA	PB/14/13/026	M	108	19-08-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	157
17	LAHORE	SHALAMAR TOWN	PB/31/13/095	F	108	17-09-13	7+				Y	N	Y	DIED	128
18	LAHORE	NISHTAR TOWN	PB/31/13/097	F	24	10-08-13	7+	27-09-13	28-09-13	EV	N	Y	Y	Y	166
19	MUZFARGARH	MUZFARGARH	PB/83/13/096	M	14	17-08-13	7+	04-10-13	05-10-13	VACC	Y	Y	Y	Y	159
20	MUZFARGARH	ALIPUR	PB/83/13/098	M	4	25-08-13	3	08-10-13	09-10-13	EV	Y	Y	Y	Y	151
21	NANKANASAHIB	NANKANASAHIB	PB/35/13/027	F	50	07-08-13	7+	28-09-13	29-09-13	NVI	N	N	Y	Y	169
22	OKARA	DEPALPUR	PB/34/13/031	M	24	27-05-13	7+	07-07-13	08-07-13	EV	N	Y	Y	Y	241
23	RAWALPINDI	RAWALPINDI	PB/11/13/028	M	132	13-05-13	7+	03-06-13	05-06-13	NVI	N	N	Y	Y	255
24	RAWALPINDI	MURREE	PB/11/13/041	M	177	05-07-13	7+	23-07-13	24-07-13	NVI	N	N	Y	Y	202
25	RAWALPINDI	RAWALPINDI	PB/11/13/047	M	87	09-08-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	167
26	RAWALPINDI	TAXILA	PB/11/13/048	M	27	13-08-13	7+				N	N	Y	DIED	163
27	RAWALPINDI	RAWALPINDI	PB/11/13/050	F	102	15-08-13	7+	24-08-13		NVI	N	N	Y	DIED	161
28	RAWALPINDI	TAXILA	PB/11/13/058	M	121	22-08-13	7+	02-10-13	04-10-13	NVI	N	N	Y	Y	154
29	RAWALPINDI	GUJAR KHAN	PB/11/13/062	M	36	25-09-13	7+	18-10-13	20-10-13	NVI	Y	N	Y	Y	120
30	SAHIWAL	SAHIWAL	PB/65/13/024	M	120	12-06-13	7+	22-07-13	23-07-13	NVI	Y	Y	Y	Y	225
31	SAHIWAL	CHICHAWATNI	PB/65/13/025	F	6	25-06-13	5	30-07-13	01-08-13	NVI	Y	N	Y	Y	212
32	SAHIWAL	CHICHAWATNI	PB/65/13/044	M	4	22-09-13	3	23-10-13	24-10-13	VACC	Y	Y	Y	Y	123
33	SAHIWAL	SAHIWAL	PB/65/13/046	M	168	20-10-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	95
34	SHEIKUPURA	FEROZEWALA	PB/33/13/030	M	144	22-05-13	7+	14-06-13	15-06-13	NVI	N	Y	Y	Y	246
35	SHEIKUPURA	MURIDKE	PB/33/13/038	M	84	03-07-13	7+	11-07-13		NVI	Y	N	Y	DIED	204
36	TTSINGH	KAMALIA	PB/52/13/061	M	4	19-08-13	5	Late Notified			Y	Y	UK	Y	157
37	GHOTKI	KHANGARH	SD/42/13/052	M	72	21-07-13	7+	30-08-13	31-08-13	NVI	Y	N	Y	Y	186
38	HYDERABAD	HYDERABAD CITY	SD/21/13/024	M	84	28-09-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	117
39	HYDERABAD	HYDERABAD RURAL	SD/21/13/033	F	43	17-10-13	7+	10-12-13	11-12-13	NVI	N	N	Y	Y	98
40	JACOBABAD	THUL	SD/53/13/013	M	156	16-05-13	7+	11-06-13	15-06-13	NVI	Y	Y	Y	Y	252
41	JACOBABAD	THUL	SD/53/13/017	M	10	26-06-13	7+	26-07-13	27-07-13	EV	Y	Y	Y	Y	211
42	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	265
43	JAMSHORO	SEHWAN	SD/25/13/019	M	6	02-10-13	3	16-10-13	17-10-13	NVI	Y	Y	Y	LOST	113
44	KAMBAR	MIRO KHAN	SD/55/13/023	M	24	26-09-13	7+	29-10-13	30-10-13		N	Y	Y	Y	119

€ Based on recall of parents

\* Afp.rec Data as of 20-01-2014

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	KASHMORE	KANDHKOT	SD/54/13/002	M	54	27-05-13	7+	Late Notified			N	N	Y	LOST	241
46	KHAIRPUR	GAMBAT	SD/43/13/049	F	48	14-10-13	7+	05-11-13	09-11-13	NVI	Y	N	Y	DIED	101
47	KHIBALDIA	BALDIA	SD/61/13/005	F	36	18-06-13	4	Child Died Before Stool Collection			N	N	Y	DIED	219
48	KHIBALDIA	BALDIA	SD/61/13/010	M	16	10-10-13	7+	24-10-13	26-10-13	EV	Y	Y	Y		105
49	KHIBINQASIM	BINQASIM	SD/62/13/012	M	96	19-09-13	7+	17-11-13	18-11-13	NVI	Y	N	Y	Y	126
50	KHIGADAP	GADAP	SD/63/13/010	F	42	02-06-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	235
51	KHIGADAP	GADAP	SD/63/13/021	F	10	23-08-13	1	23-09-13	24-09-13	NVI	Y	Y	Y	Y	153
52	KHIGADAP	GADAP	SD/63/13/031	M	14	15-07-13	7+	Late Notified			Y	Y	Y	Y	192
53	KHIJAMSHEED	JAMSHEED	SD/66/13/004	F	60	01-05-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	267
54	KHIKAMARI	KAMARI	SD/67/13/005	M	108	25-06-13	7+	07-07-13	15-07-13	NVI	Y	Y	Y	Y	212
55	KHISADDAR	SADDAR	SD/77/13/004	F	38	05-04-13	7+	10-05-13	11-05-13	NVI	N	N	Y	Y	293
56	NFEROZ	BHIRIA	SD/45/13/003	F	144	05-02-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	352
57	NFEROZ	MORO	SD/45/13/013	F	54	10-05-13	7+	01-06-13	02-06-13	NVI	N	Y	Y	Y	258
58	SANGHAR	KHIPRO	SD/32/13/024	F	60	15-09-13	7+	01-10-13	02-10-13	NVI	Y	Y	Y	Y	130
59	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	240
60	T.ALLAHYAR	J.MUREE	SD/27/13/010	M	72	13-06-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	224
61	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	155
62	THARPARKAR	MITHI	SD/33/13/021	M	36	21-09-13	7+	14-10-13	15-10-13	NVI	Y	N	N	Y	124
63	THATTA	THATTA	SD/22/13/032	M	72	06-06-13	7+	15-07-13	16-07-13	NVI	Y	Y	Y	Y	231
64	UMERKOT	UMER KOT	SD/34/13/026	M	2	06-09-13	1	17-09-13		EV	Y	N	Y	DIED	139
65	ABOTABAD	HAVALIAN	KP/10/13/017	M	96	23-07-13	7+	14-08-13	15-08-13	NVI	Y	N	Y	Y	184
66	ABOTABAD	ABBOTABAD	KP/10/13/021	M	49	27-07-13	7+	16-08-13	17-08-13	EV	N	N	N		180
67	ABOTABAD	ABBOTABAD	KP/10/13/025	F	14	15-10-13	7+	03-11-13	04-11-13	NVI	N	N	Y		100
68	ABOTABAD	HAVALIAN	KP/10/13/027	F	72	18-08-13	7+	Late Notified			N	Y	Y	Y	158
69	ABOTABAD	ABBOTABAD	KP/10/13/029	F	144	18-10-13	0	08-11-13	15-11-13	NVI	Y	Y	Y	Y	97
70	BANNU	BANNU	KP/61/13/010	M	53	30-04-13	7+	Late Notified			Y	N	N	Y	268
71	BANNU	BANNU	KP/61/13/020	M	42	19-10-13	7+	15-11-13	17-11-13	EV	Y	N	Y		96
72	BUNIR	DAGGAR	KP/22/13/008	M	35	12-03-13	7+	01-04-13	02-04-13	NVI	Y	Y	Y	Y	317
73	BUNIR	DAGGAR	KP/22/13/007	M	132	28-02-13	7+	30-03-13	31-03-13	NVI	N	N	Y	Y	329
74	BUNIR	DAGGAR	KP/22/13/015	M	72	01-01-13	7+	Late Notified			Y	Y	Y	Y	387
75	BUNIR	DAGGAR	KP/22/13/044	M	16	09-08-13	0	Late Notified			Y	N	N	Y	167
76	CHARSADA	CHARSADA	KP/31/13/049	F	72	10-08-13	7+	24-08-13	27-08-13	NVI	Y	Y	Y		166
77	CHARSADA	SHABQADAR	KP/31/13/052	F	39	27-08-13	7+	10-09-13	11-09-13	NVI	Y	Y	Y		149
78	CHARSADA	CHARSADA	KP/31/13/053	M	18	03-08-13	7+	03-09-13	04-09-13	NVI	Y	Y	Y		173
79	DIKHAN	KULACHI	KP/60/13/013	F	18	22-04-13	5	16-06-13	17-06-13	VACC	N	Y	Y	Y	276
80	DIKHAN	DIKHAN	KP/60/13/014	M	54	17-06-13	7+	20-06-13		NVI	Y	Y	Y	DIED	220
81	DIRLOWER	SAMAR BAGH	KP/23/13/015	F	13	30-01-13	7+	Late Notified			Y	Y	Y	Y	358
82	DIRLOWER	SAMAR BAGH	KP/23/13/033	F	96	25-07-13	7+	05-09-13	07-09-13	NVI	Y	Y	Y	Y	182
83	DIRLOWER	TIMERGARA	KP/23/13/034	M	30	08-08-13	7+	16-09-13	17-09-13	NVI	Y	Y	Y	Y	168
84	DIRLOWER	TIMERGARA	KP/23/13/038	M	1	10-10-13	1	15-11-13	16-11-13	NVI	Y	Y	Y	Y	105
85	DIRUPPER	DIR	KP/25/13/006	F	21	25-07-13	7+	08-08-13	10-08-13	EV	UK	Y	Y	Y	182
86	HANGU	HANGU	KP/54/13/005	M	12	21-06-13	7+	08-07-13	09-07-13	EV	Y	Y	Y		216
87	HANGU	HANGU	KP/54/13/004	F	30	05-06-13	7+	05-07-13	06-07-13	EV	Y	N	Y	Y	232
88	HANGU	HANGU	KP/54/13/008	M	36	03-07-13	7+	24-07-13		EV	Y	N	Y		204

€ Based on recall of parents

\* Afp.rec Data as of 20-01-2014

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	HANGU	HANGU	KP/54/13/012	F	24	29-08-13	7+	16-09-13	18-09-13		Y	Y	N		147
90	HARIPUR	HARIPUR	KP/12/13/005	M	66	18-01-13	7+	19-02-13	20-02-13	EV	N	N	Y	Y	370
91	HARIPUR	HARIPUR	KP/12/13/012	F	20	18-04-13	7+	19-05-13	20-05-13	EV	Y	Y	Y	Y	280
92	HARIPUR	HARIPUR	KP/12/13/019	F	20	28-06-13	7+	18-08-13	19-08-13		Y	Y	Y		209
93	HARIPUR	HARIPUR	KP/12/13/024	F	48	06-10-13	7+	29-10-13	30-10-13	NVI	Y	N	Y		109
94	KARAK	TAKHT E NASRATI	KP/51/13/017	M	21	09-09-13	7+	24-09-13	26-09-13	NVI	Y	Y	Y	Y	136
95	KOHAT	LACHI	KP/50/13/012	M	96	28-05-13	7+	26-06-13	27-06-13	NVI	N	N	Y	Y	240
96	KOHAT	LACHI	KP/50/13/015	M	21	15-05-13	7+	Late Notified			Y	Y	Y	Y	253
97	LAKKIMRWT	LAKKIMRWT	KP/62/13/018	M	26	22-05-13	7+	21-06-13	22-06-13		N	Y	Y	Y	246
98	LAKKIMRWT	LAKKIMRWT	KP/62/13/030	F	28	11-09-13	7+	01-10-13	03-10-13	NVI	N	N	Y	Y	134
99	LAKKIMRWT	LAKKIMRWT	KP/62/13/038	F	96	05-10-13	3	26-10-13	27-10-13	NVI	Y	Y	Y	Y	110
100	MANSEHRA	MANSEHRA	KP/14/13/005	M	168	17-03-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	312
101	MANSEHRA	MANSEHRA	KP/14/13/010	F	9	01-06-13	6	17-06-13	19-06-13	NVI	Y	N	Y	DIED	236
102	MANSEHRA	MANSEHRA	KP/14/13/019	F	24	13-07-13	7+	Child Died Before Stool Collection			UK	UK	Y	DIED	194
103	MANSEHRA	MANSEHRA	KP/14/13/026	M	84	31-08-13	7+	16-09-13	17-09-13	NVI	Y	N	Y	DIED	145
104	MARDAN	TAKHT BHAI	KP/40/13/034	M	5	10-03-13	6	Late Notified			N	Y	UK	Y	319
105	MARDAN	MARDAN	KP/40/13/059	F	24	25-07-13	7+	21-08-13	22-08-13	NVI	Y	Y	Y	Y	182
106	MARDAN	MARDAN	KP/40/13/063	M	108	15-08-13	7+	29-08-13	31-08-13	NVI	Y	Y	Y	Y	161
107	MARDAN	MARDAN	KP/40/13/046	F	24	15-06-13	7+	05-07-13	06-07-13	EV	Y	Y	Y	Y	222
108	MARDAN	MARDAN	KP/40/13/074	F	24	02-08-13	7+	11-09-13	13-09-13	NVI	N	Y	Y	Y	174
109	MARDAN	MARDAN	KP/40/13/077	F	32	02-09-13	7+	24-09-13	25-09-13	NVI	Y	Y	Y	Y	143
110	MARDAN	MARDAN	KP/40/13/073	M	23	15-06-13	7+	Late Notified			UK	Y	UK	Y	222
111	MARDAN	MARDAN	KP/40/13/095	F	60	13-10-13	7+	16-11-13	17-11-13	NVI	N	N	Y	Y	102
112	NOWSHERA	NOWSHERA	KP/32/13/012	F	108	15-03-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	314
113	NOWSHERA	NOWSHERA	KP/32/13/029	M	14	28-07-13	7+	17-08-13	18-08-13	EV	Y	Y	Y		179
114	NOWSHERA	NOWSHERA	KP/32/13/036	F	30	03-08-13	7+	25-09-13	26-09-13	NVI	Y	Y	Y		173
115	NOWSHERA	NOWSHERA	KP/32/13/031	M	25	25-07-13	7+	21-08-13	22-08-13	EV	Y	Y	Y		182
116	PESHAWAR	PESHAWAR	KP/30/13/022	F	22	06-02-13	7+	Late Notified			N	N	N	Y	351
117	PESHAWAR	PESHAWAR	KP/30/13/026	M	24	17-04-13	0	17-05-13	19-05-13	EV	Y	Y	Y	Y	281
118	PESHAWAR	PESHAWAR	KP/30/13/039	F	54	03-05-13	7+	14-06-13	15-06-13	EV	Y	Y	Y	Y	265
119	PESHAWAR	PESHAWAR	KP/30/13/043	F	66	16-06-13	7+	07-07-13	08-07-13	NVI	Y	Y	Y	Y	221
120	PESHAWAR	PESHAWAR	KP/30/13/052	M	36	13-07-13	7+	27-07-13	28-07-13	EV	N	Y	Y	Y	194
121	PESHAWAR	PESHAWAR	KP/30/13/063	M	14	16-08-13	7+	30-08-13	01-09-13	VACC	Y	N	Y	LOST	160
122	PESHAWAR	PESHAWAR	KP/30/13/069	M	84	29-08-13	7+	13-09-13	14-09-13	NVI	Y	Y	Y	DIED	147
123	PESHAWAR	PESHAWAR	KP/30/13/057	F	21	14-07-13	7+	16-08-13	17-08-13	EV	Y	Y	Y	Y	193
124	PESHAWAR	PESHAWAR	KP/30/13/076	F	24	28-08-13	7+	02-10-13	10-10-13	NVI	Y	N	UK	Y	148
125	PESHAWAR	PESHAWAR	KP/30/13/097	F	9	02-10-13	0	19-11-13	20-11-13	EV	Y	Y	Y		113
126	PESHAWAR	PESHAWAR	KP/30/13/094	F	96	11-10-13	7+	17-11-13	19-11-13	NVI	Y	Y	Y	Y	104
127	PESHAWAR	PESHAWAR	KP/30/13/096	M	7	08-10-13	3	18-11-13	19-11-13	NVI	Y	Y	Y	Y	107
128	PESHAWAR	PESHAWAR	KP/30/13/056	F	24	14-07-13	7+	06-08-13	07-08-13	NVI	N	N	Y	Y	193
129	PESHAWAR	PESHAWAR	KP/30/13/059	M	86	13-06-13	7+	Late Notified			Y	Y	Y	Y	224
130	PESHAWAR	PESHAWAR	KP/30/13/106	M	25	05-10-13	7+	29-11-13	30-11-13	EV	N	Y	Y		110
131	PESHAWAR	PESHAWAR	KP/30/13/114	M	14	15-10-13	7+	Late Notified			N	Y	Y	Y	100
132	SHANGLA	MARTOONG	KP/26/13/001	M	72	08-01-13	7+	Late Notified			Y	Y	Y	LOST	380

€ Based on recall of parents

\* Afp.rec Data as of 20-01-2014

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	SHANGLA	CHAKISAR	KP/26/13/008	F	36	01-06-13	7+	27-06-13	31-07-13	NVI	Y	Y	Y	Y	236
134	SWABI	SWABI	KP/41/13/035	M	36	15-09-13	7+	Late Notified			Y	Y	Y		130
135	SWABI	LAHORE	KP/41/13/048	M	17	23-10-13	7+	24-11-13	25-11-13	EV	N	Y	Y		92
136	SWAT	SWAT	KP/24/13/006	F	132	02-04-13	7+	10-04-13		NVI	N	N	Y	DIED	296
137	SWAT	SWAT	KP/24/13/009	M	16	19-04-13	7+	14-05-13	15-05-13	NVI	Y	N	N	Y	279
138	SWAT	SWAT	KP/24/13/024	M	6	24-10-13	5	07-11-13	08-11-13	NVI	N	Y	UK		91
139	TANK	TANK	KP/63/13/005	M	42	25-02-13	7+	27-04-13	28-04-13	NVI	Y	N	UK	Y	332
140	TANK	TANK	KP/63/13/009	M	13	02-08-13	7+	06-09-13	07-09-13	NVI	N	N	Y	Y	174
141	TANK	TANK	KP/63/13/010	M	24	11-08-13	7+	24-09-13	25-09-13	NVI	Y	Y	Y	Y	165
142	JAFARABAD	SOHBAT PUR	BN/43/13/015	F	30	18-07-13	7+	30-08-13	31-08-13	EV	Y	Y	Y	Y	189
143	KHUZDAR	NAAL	BN/54/13/002	M	82	23-08-13	4	05-09-13	07-09-13	NVI	Y	N	Y		153
144	NSIRABAD	DMJAMALI	BN/41/13/010	M	18	08-09-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	137
145	ZIARAT	ZIARAT	BN/32/13/003	M	13	16-09-13	3	08-10-13	09-10-13	NVI	Y	Y	Y		129
146	GHIZER	PUNIAL	GB/41/13/001	M	66	02-09-13	7+	06-09-13		EV	N	Y	Y	DIED	143
147	BAJOUR	MAMUND	FT/33/13/007	M	45	02-01-13	7+	Late Notified			N	Y	Y	Y	386
148	BAJOUR	KHAR	FT/33/13/018	M	22	08-07-13	7+	23-08-13	24-08-13	NVI	Y	Y	Y		199
149	BAJOUR	MAMUND	FT/33/13/017	F	44	09-07-13	7+	13-08-13	14-08-13	EV	Y	N	N		198
150	BAJOUR	KHAR	FT/33/13/020	F	12	07-08-13	7+	07-09-13	08-09-13	EV	Y	Y	N		169
151	BAJOUR	MAMUND	FT/33/13/022	M	17	28-07-13	7+	12-09-13	13-09-13	NVI	N	Y	N		179
152	BAJOUR	KHAR	FT/33/13/023	F	48	15-08-13	7+	15-09-13	16-09-13	EV	N	N	Y		161
153	BAJOUR	KHAR	FT/33/13/024	M	36	18-08-13	7+	16-09-13	17-09-13	NVI	Y	Y	Y		158
154	BAJOUR	MAMUND	FT/33/13/032	M	18	04-09-13	7+	05-10-13	06-10-13	VACC	Y	Y	N		141
155	BAJOUR	NAWAGAI	FT/33/13/040	F	48	30-09-13	7+	25-11-13	26-11-13	VACC	Y	Y	N		115
156	FR BANNU	FR BANNU	FT/69/13/007	M	22	30-07-13	3	28-08-13	29-08-13	EV	Y	Y	Y		177
157	FR BANNU	FR BANNU	FT/69/13/012	M	9	10-08-13	0	22-09-13	23-09-13	EV	Y	Y	Y		166
158	FR BANNU	FR BANNU	FT/69/13/021	M	12	28-09-13	0	30-10-13	31-10-13	NVI	Y	Y	Y		117
159	KHYBER	JAMRUD	FT/34/13/002	F	24	18-01-13	7+	21-02-13	23-02-13	NVI	N	Y	Y	Y	370
160	KHYBER	JAMRUD	FT/34/13/017	M	14	08-06-13	0	16-06-13		NVI	Y	Y	Y	Y	229
161	KHYBER	BARA	FT/34/13/016	F	10	06-06-13	0	21-06-13	23-06-13	NVI	Y	Y	Y		231
162	KHYBER	BARA	FT/34/13/018	M	12	11-06-13	0	01-07-13	02-07-13	EV	Y	Y	Y		226
163	KHYBER	BARA	FT/34/13/021	F	18	13-07-13	0	25-07-13	29-07-13	NVI	N	N	Y		194
164	KHYBER	BARA	FT/34/13/037	M	13	26-09-13	0	11-10-13	12-10-13	NVI	Y	Y	Y		119
165	KHYBER	LANDI KOTAL	FT/34/13/039	M	18	09-10-13	7+	Late Notified			Y	N	Y		106
166	KHYBER	BARA	FT/34/13/043	F	36	17-10-13	1	08-11-13	09-11-13	EV	Y	Y	Y		98
167	KHYBER	LANDI KOTAL	FT/34/13/044	M	44	30-06-13	7+	Late Notified			Y	Y	Y	Y	207
168	KHYBER	LANDI KOTAL	FT/34/13/048	M	12	25-09-13	7+	Late Notified			Y	Y	Y	Y	120
169	MOHMAND	UPPER MOHMAND	FT/35/13/003	F	18	18-04-13	7+	07-05-13	08-05-13	NVI	Y	Y	Y	Y	280
170	MOHMAND	UPPER MOHMAND	FT/35/13/008	M	26	08-05-13	7+	22-06-13	23-06-13		Y	Y	Y		260
171	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	273
172	WAZIR-N	MIR ALI	FT/64/13/030	F	9	09-08-13	0	Late Notified			Y	N	N		167
173	WAZIR-N	MIR ALI	FT/64/13/042	M	7	03-07-13	0	29-08-13	30-08-13	EV	Y	N	Y		204
174	WAZIR-N	MIR ALI	FT/64/13/054	F	18	09-09-13	2	Late Notified			Y	N	Y		136
175	WAZIR-N	MIR ALI	FT/64/13/090	M	12	20-09-13	0	24-10-13	25-10-13	VACC	Y	Y	Y		125
176	WAZIR-N	MIR ALI	FT/64/13/101	F	10	20-10-13	0	07-11-13	09-11-13	NVI	Y	Y	Y		95

€ Based on recall of parents

\* Afp.rec Data as of 20-01-2014

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 (5/5)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
177	WAZIR-N	RAZMAK	FT/64/13/111	F	24	22-10-13	3	24-11-13	25-11-13	NVI	Y	N	Y		93
178	WAZIR-N	MIRAN SHAH	FT/64/13/122	F	13	15-09-13	0	Late Notified			Y	Y	Y	Y	130
179	WAZIR-N	MIRAN SHAH	FT/64/13/121	M	13	25-08-13	0				N	Y	Y	Y	151
180	WAZIR-N	MIRAN SHAH	FT/64/13/123	M	12	05-10-13	0				Y	Y	Y	Y	110
181	WAZIR-S	WANA	FT/65/13/006	F	26	13-07-13	7+	15-08-13	16-08-13	NVI	Y	Y	Y		194
182	WAZIR-S	LADHA	FT/65/13/012	F	36	01-10-13	1	21-10-13	22-10-13	EV	Y	Y	Y		114
183	WAZIR-S	WANA	FT/65/13/005	F	12	25-04-13	1	19-06-13	20-06-13	NVI	UK	N	UK		273
184	WAZIR-S	WANA	FT/65/13/010	F	23	21-09-13	5	27-09-13		NVI	Y	N	UK		124

€ Based on recall of parents

\* Afp.rec Data as of 20-01-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.