



**World Health  
Organization**

# **Weekly AFP Surveillance Update Pakistan**

**Week 3** (*Ended on 18<sup>th</sup> January, 2014*)

AFP Surveillance



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

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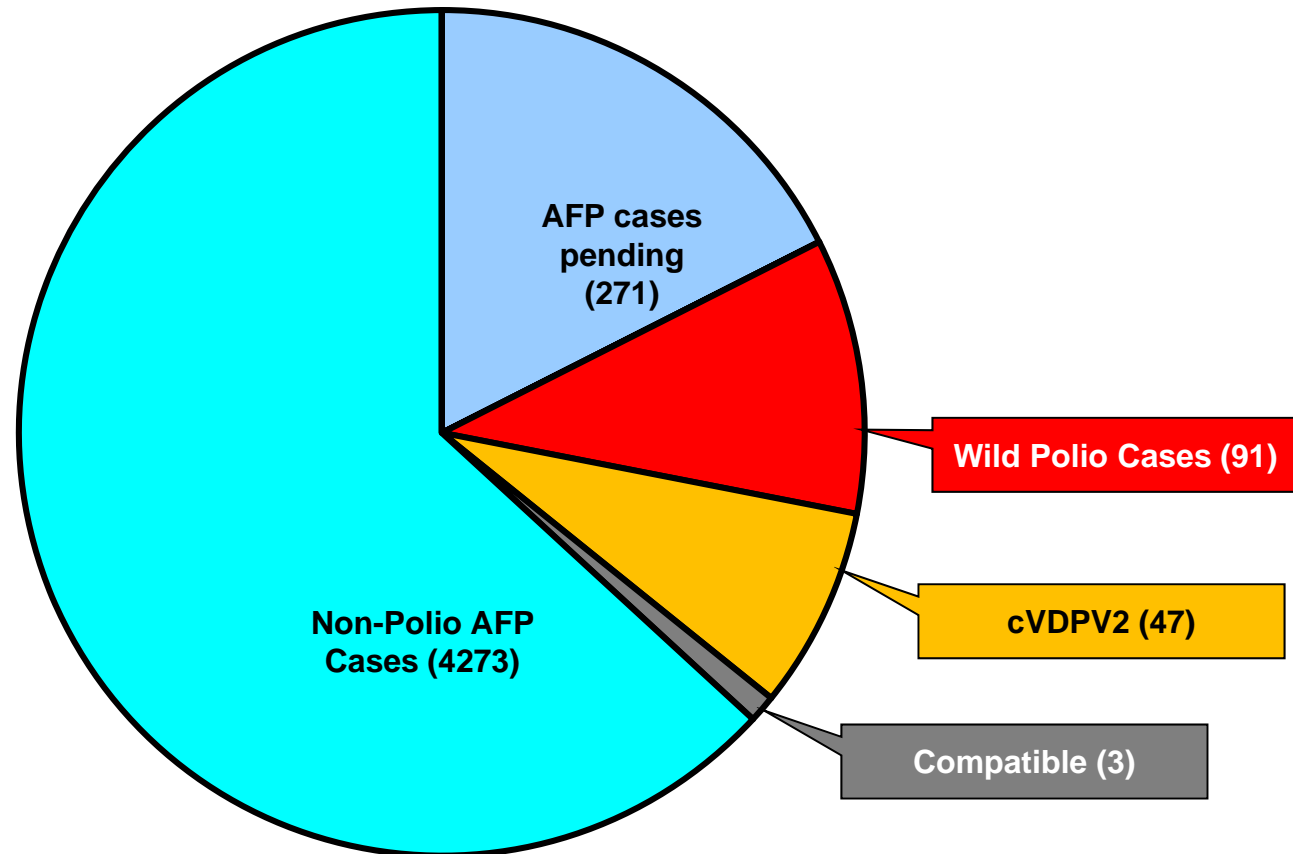
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# AFP Case Profile, 2013\*



**37 AFP cases reported in 2014\***

**04 Polio cases reported from FATA, NWA in 2014\***

**Total AFP Cases Reported = 4685**

**^136 Inadequate cases pending classification by ERC;  
^93 Inadequate cases not due for FUP  
^42 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	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>

**4 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	W/PV 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	
84	SINDH	KHIGIQBAL	G-IQBAL	SD/65/13/017	F	13	11-Dec-13	2	7^	Y	Y	Y	N	NSL1	
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	
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	

\$ Security compromised area

**New Case**

^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	
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 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	

\$ 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	272	2	0	27	7	64	17%	10	373	100%
December	353	235	40	1	17	5	47	13%	15	314	89%
Pakistan	4661	3324	42	1	238	5	971	21%	91	4624	99%
2014											
January	80	9	63	3	0	0	1	1%	4	14	18%

\* 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	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	SL2	Waiting rRTPCR for VDPV screening
2	WAZIR-N	MIR ALI	MIR ALI 2	FT/64/14/002	03-Jan-14	12	M	06-Jan-14	Y	0	0	0		Y		POLIO / TRAUMATIC NEURITIS	016	4	P2	Discordant U
3	MALAKAND	DARGAI	SKHAKOT	KP/20/14/001	04-Jan-14	18	F	07-Jan-14	Y	0	7+	6	18-Dec-13	N	N	GENERALIZED WEAKNESS	017	6	SL2	Waiting rRTPCR for VDPV screening
4	DGKHAN	TAUNSA	NARI	PB/81/14/N005		30	M	03-Jan-14	-	-	-	12-Dec-13	-	-	-		005	2	P2	Discordant U
5	GUJRANWALA	NOWSHERA VIRKAN	BUDU HAIDER	PB/21/13/107	29-Dec-13	20	M	01-Jan-14	Y	3	6	6	18-Nov-13	N		HEMIPLEGIA	6059	9	SL3	Waiting rRTPCR for VDPV screening
6	RAJANPUR	JAMPUR	BASTI RINDAN	PB/82/14/N001		15	M	07-Jan-14	-	-	-	13-Dec-13	-	-	-		052	4	L20B+	Healthy Nomadic
7	RAJANPUR *	JAM PUR	HAJI PUR	PB/82/14/N003		9	M	07-Jan-14	-	#	#	-	11-Dec-13	-	-	-	054	7	L20B+	
8	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	SL1	Waiting rRTPCR for VDPV screening
<b>Reported urgent (by field / NSC<sub>Y</sub> criteria)</b>																				
9	WAZIR-N *	MIRAN SHAH	NORAK	FT/64/14/004	01-Jan-14	13	F	08-Jan-14	Y	0	0	0		Y	Y	POLIO	109	3	UP	Stool collection is under process
10	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	3	UP	
11	CHINIOT	#	LALIAN	PB/54/14/003	10-Jan-14	21	F	12-Jan-14	Y	3	7+	6	18-Nov-13	Y	#		083		UP	
12	DGKHAN	DGKHAN	MAMOORI	PB/81/14/001	01-Jan-14	12	M	06-Jan-14	Y	1	5	5	13-Dec-13	N	Y	TRAUMATIC NEURITIS	043	10	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    ‡ Pending 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>

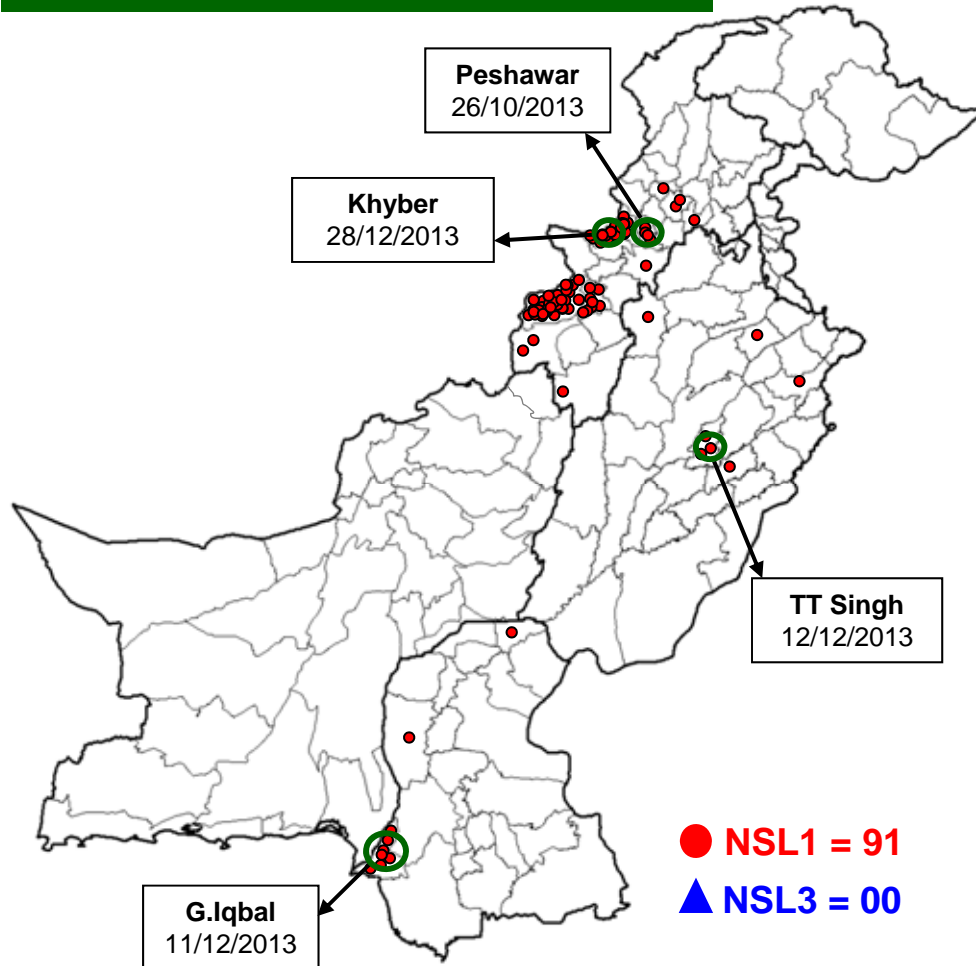
\* Data as of 20-01-2014

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	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

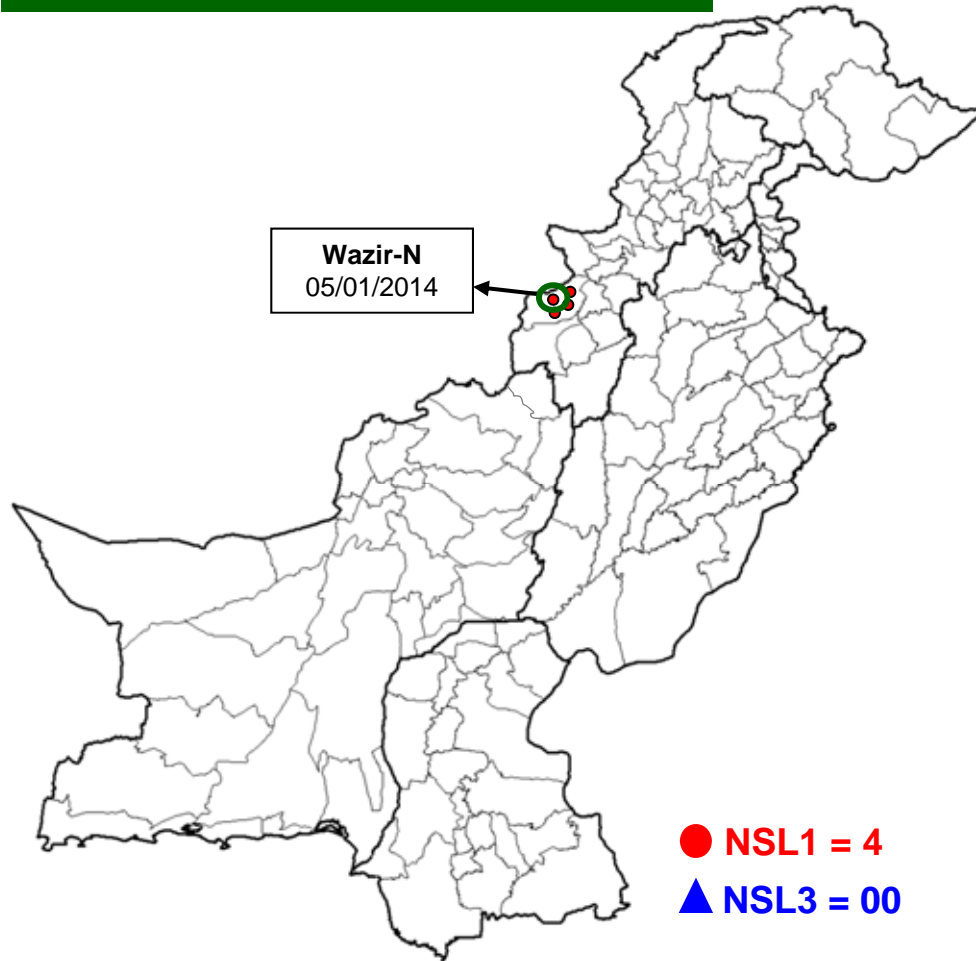
Cases randomly placed  
in districts

Provincial Boundary  
 Districts Boundary

\* Afp.rec Data as of 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	4	-
BALUCHISTAN	-	Apr, 2010	-	-
AJK	-	Jun, 2000	-	-
GILGIT-BALTISTAN	-	-	-	-
ISLAMABAD	-	Sep, 2008	-	-
<b>PAKISTAN</b>	Jan, 2014	Apr, 2012	4	-

○ District with last polio case in province

Cases randomly placed  
in districts

— Provincial Boundary  
— Districts Boundary

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

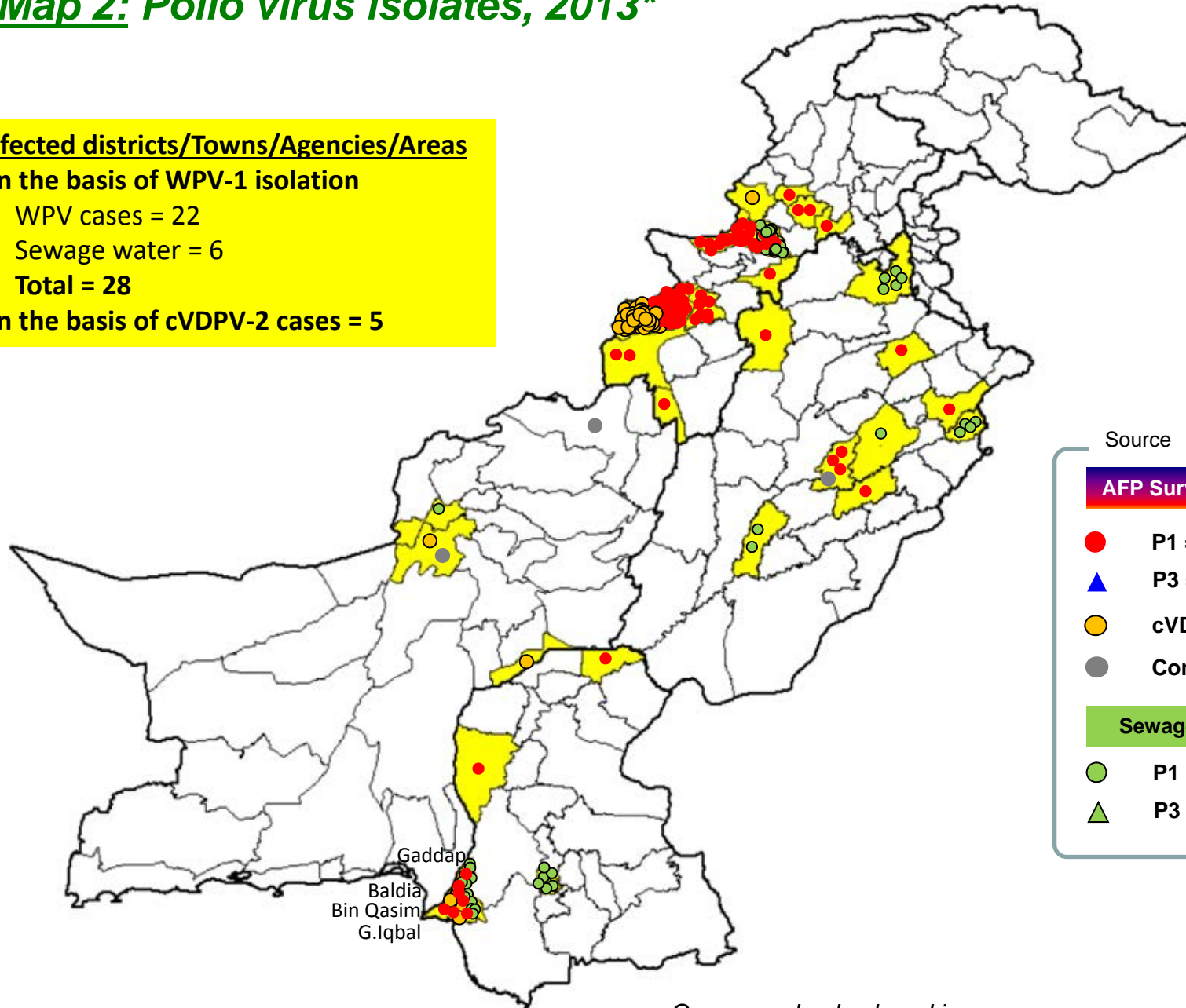
## Map 2: Polio virus isolates, 2013\*

### 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 = 91
- ▲ P3 = 0
- cVDPV-2 = 47
- Compatible = 3

##### Sewage water

- P1 = 59
- ▲ P3 = 0

*Cases randomly placed in districts*

- Provincial Boundary
- Districts Boundary

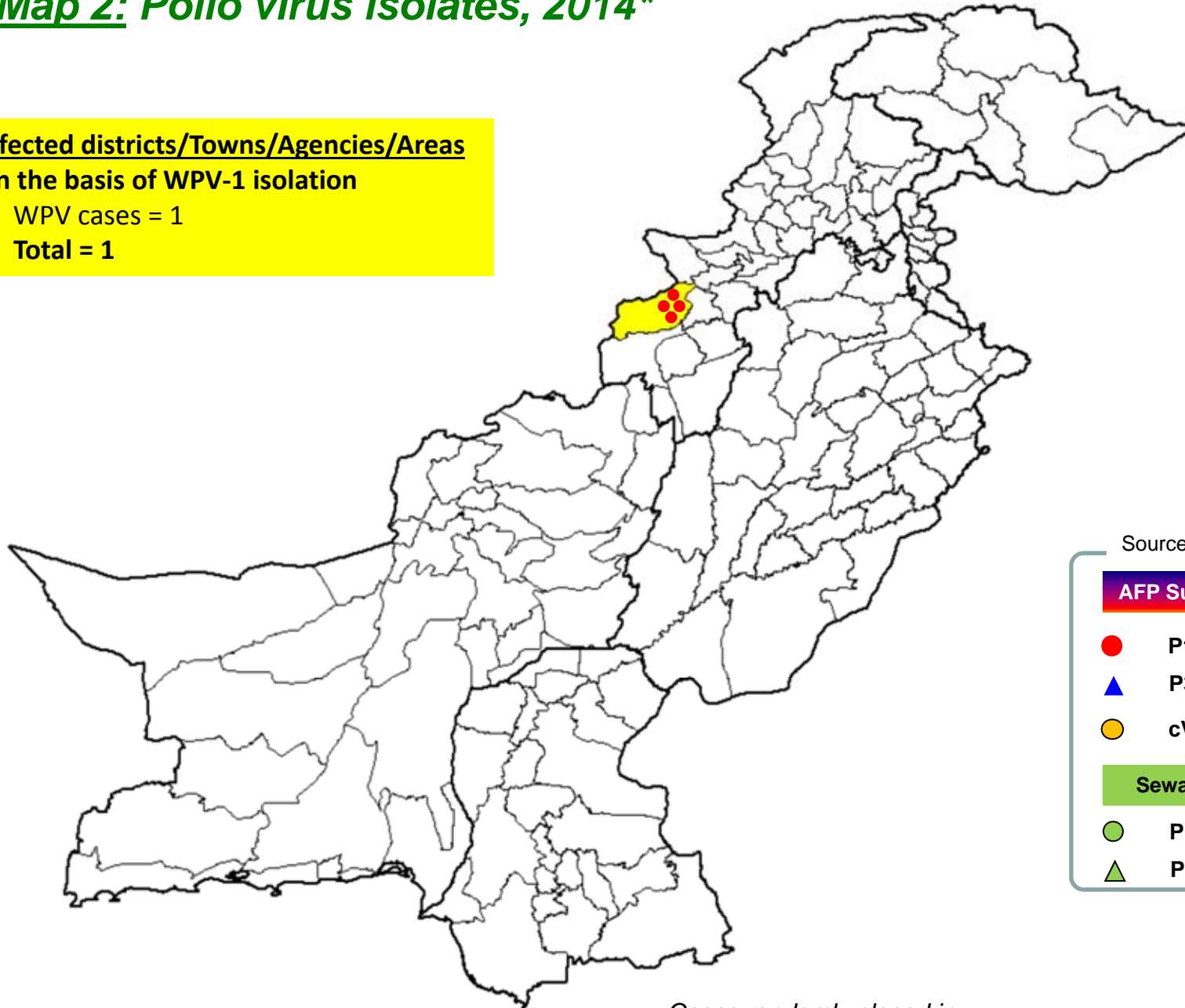
\* Afp.rec Data as of 20-01-2014



## 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 = 4
- ▲ P3 = 0
- cVDPV-2 = 0

#### Sewage water

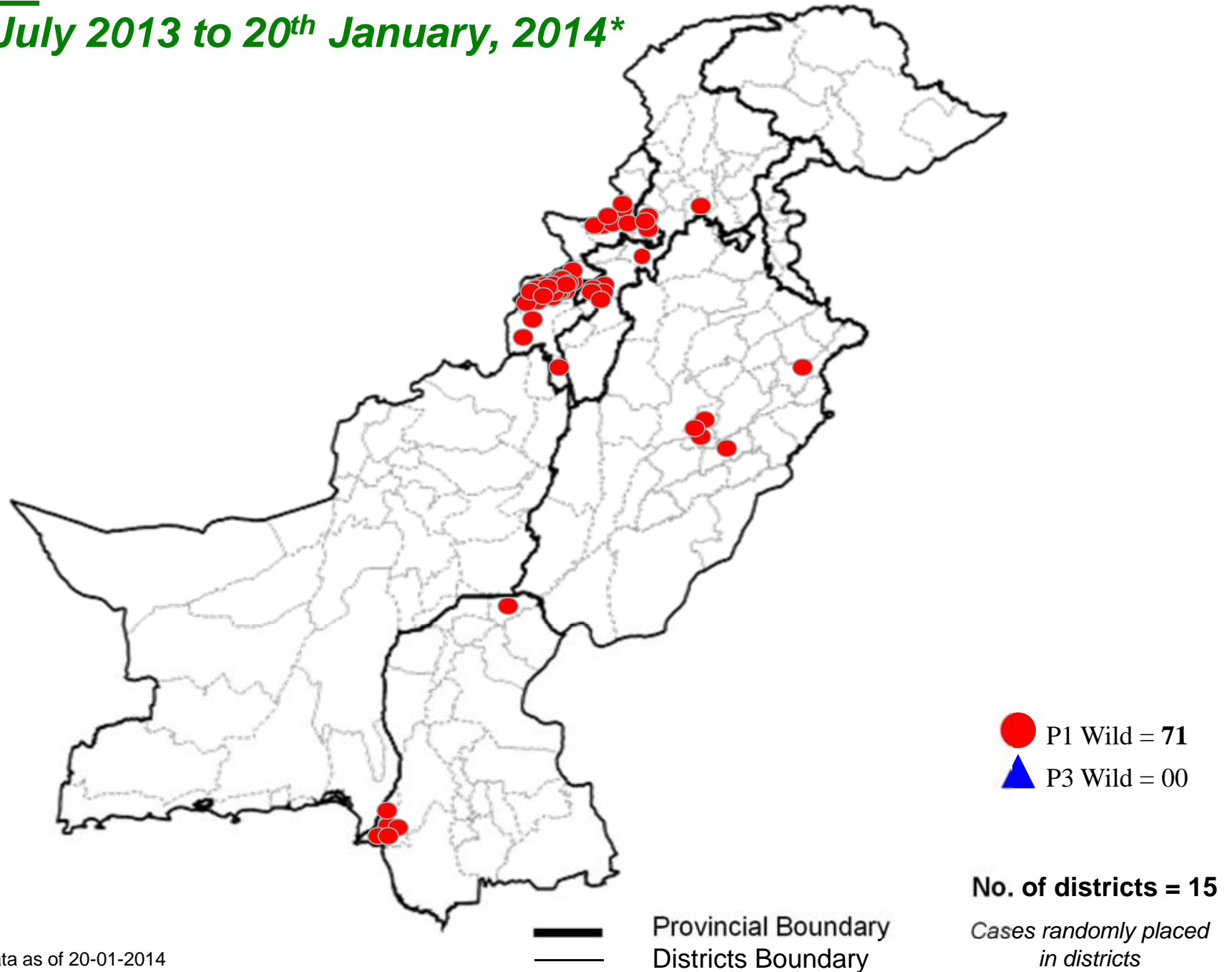
- P1 = 0
- ▲ P3 = 0

*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 21<sup>st</sup> July 2013 to 20<sup>th</sup> January, 2014\***



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

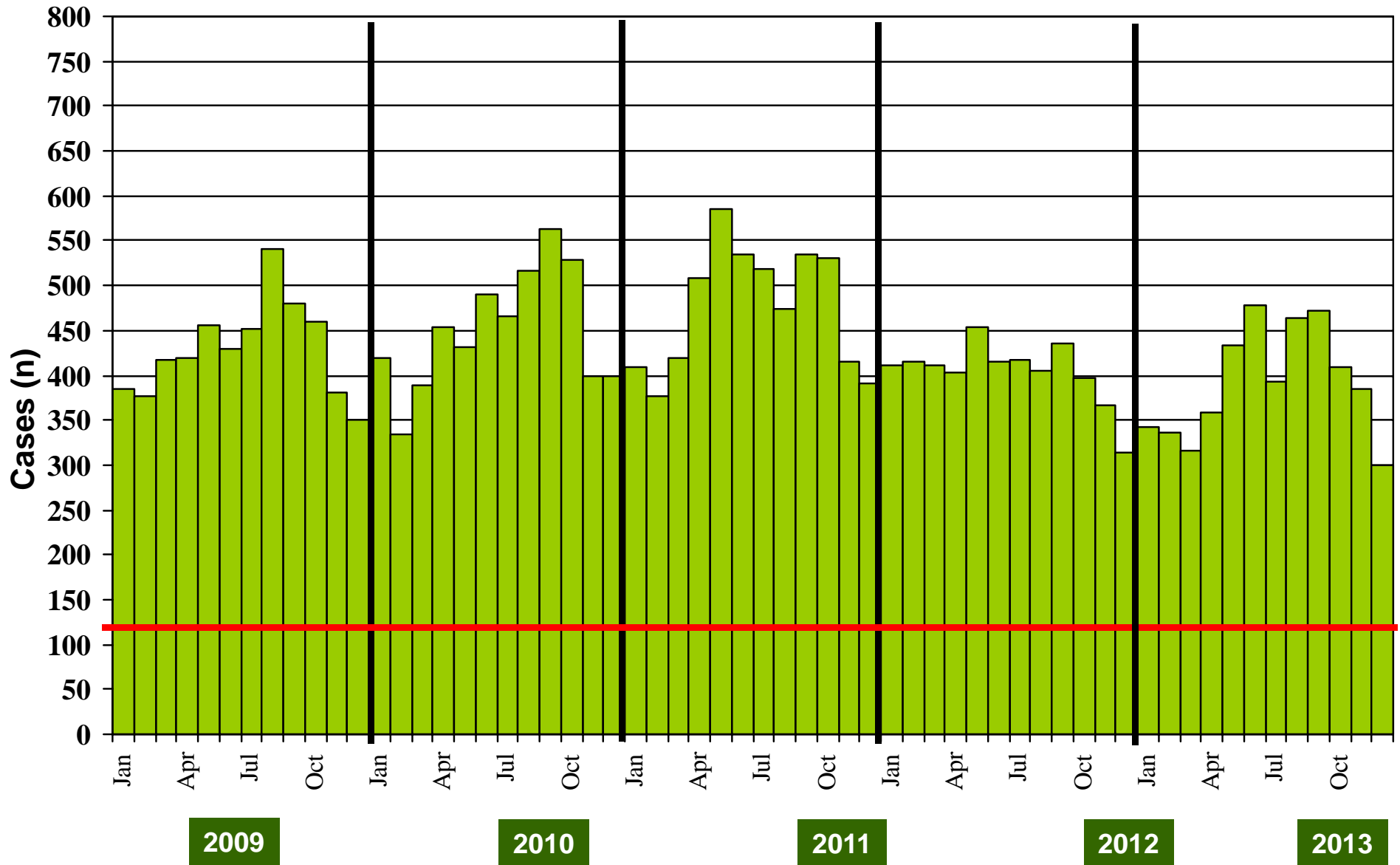
**Table 4: Distribution of AFP Cases By Week of Onset <sup>^</sup>  
Pakistan 2013\* [Week number/Ending on]**

PROVINCE	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	W 01 04 Jan 2014	W 02 11 Jan 2014
PUNJAB	49	26	28	44	45	41	35	42	29	35	40	23	47	26	12
SINDH	27	12	13	22	11	19	18	24	21	15	18	11	16	8	6
KP	26	18	14	23	26	18	18	18	23	18	18	19	19	12	10
FATA	18	11	6	16	10	3	12	7	5	7	5	5	10	7	3
BALUCHISTAN	5	4	2	5	4	5	3	10	3	5	5	2	4	1	2
AJK	0	0	0	1	1	2	0	1	1	2	0	0	1	1	1
GILGIT BILTISTAN	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0
ISLAMABAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PAKISTAN</b>	<b>126</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>83</b>	<b>86</b>	<b>60</b>	<b>97</b>	<b>55</b>	<b>34</b>

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

<sup>^</sup> MMWR Epidemiological Weeks

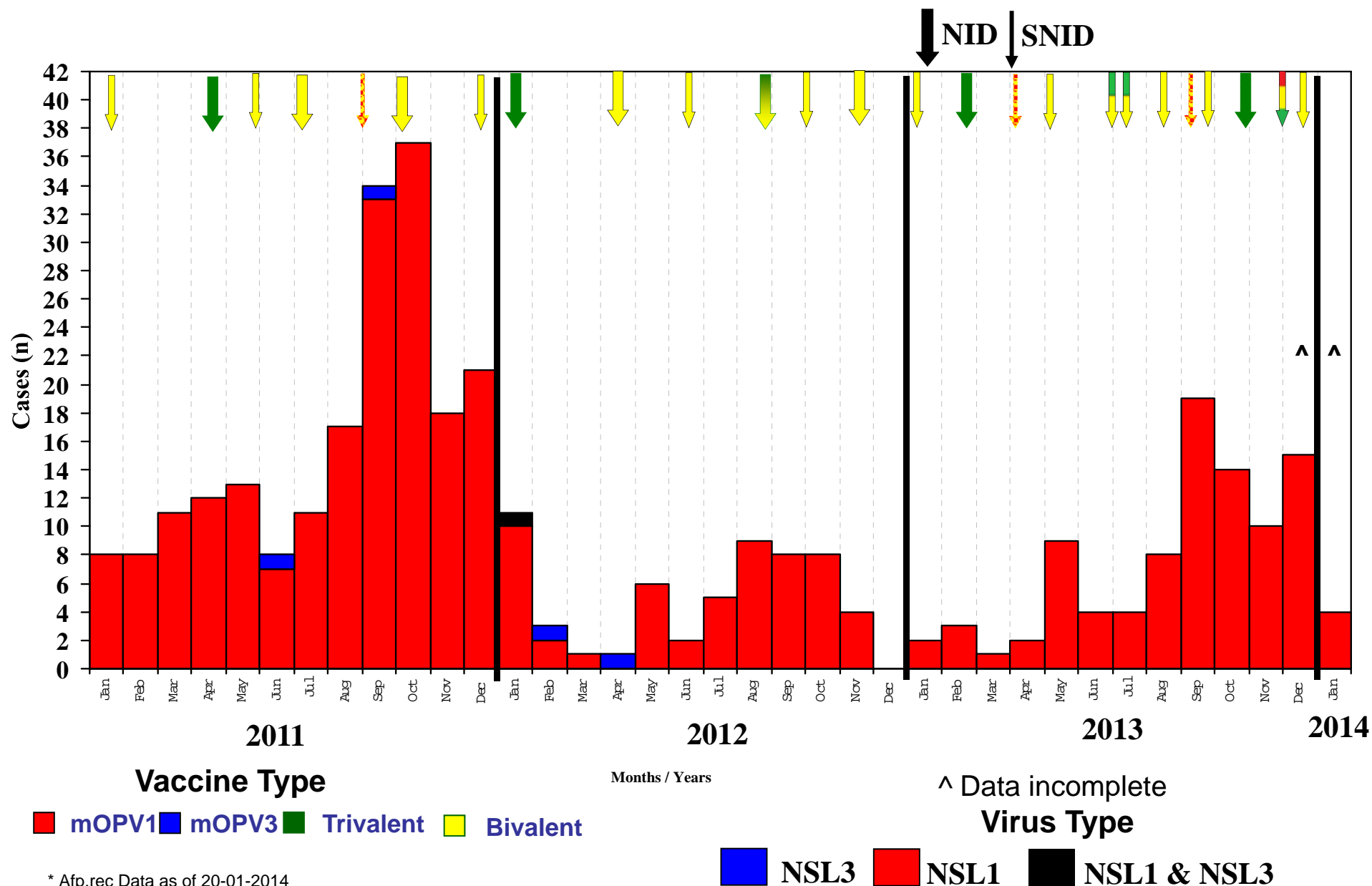
**Graph 1: Distribution of AFP Cases by Month, Pakistan 2009-2013\***



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

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

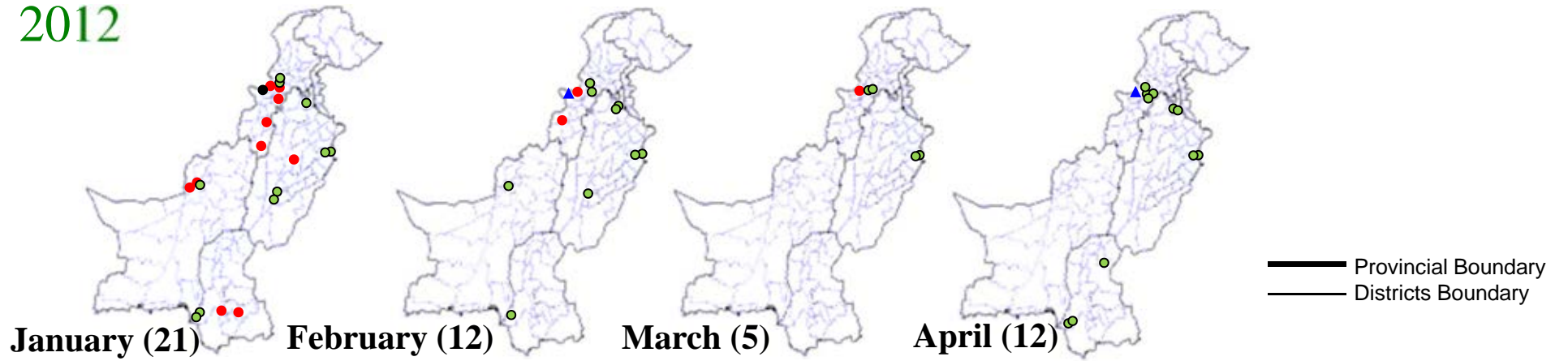
# Confirmed Polio Cases By Poliovirus Type, 2011-2014\*



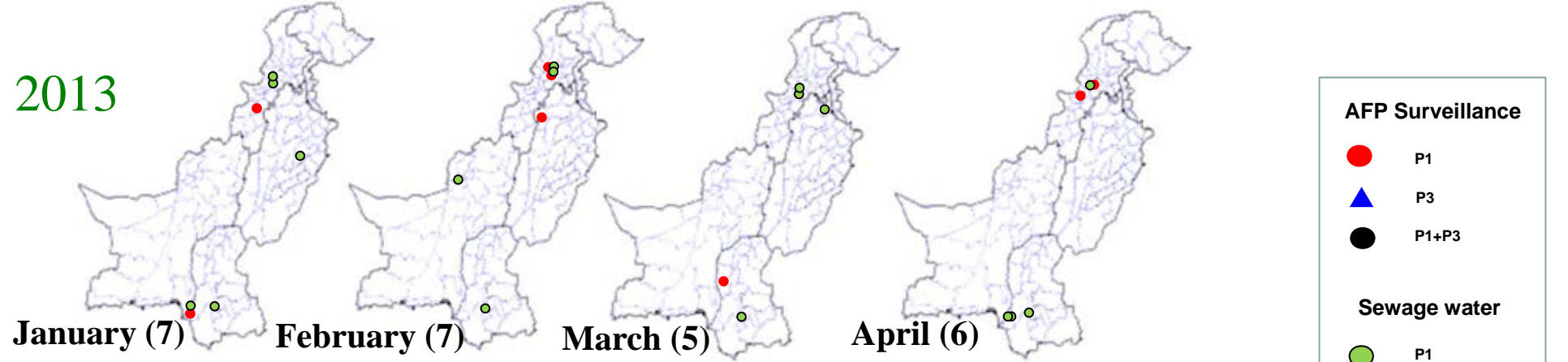
\* Afp.rec Data as of 20-01-2014

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

2012



2013



2014



**AFP Surveillance**

- P1
- ▲ P3
- P1+P3

**Sewage water**

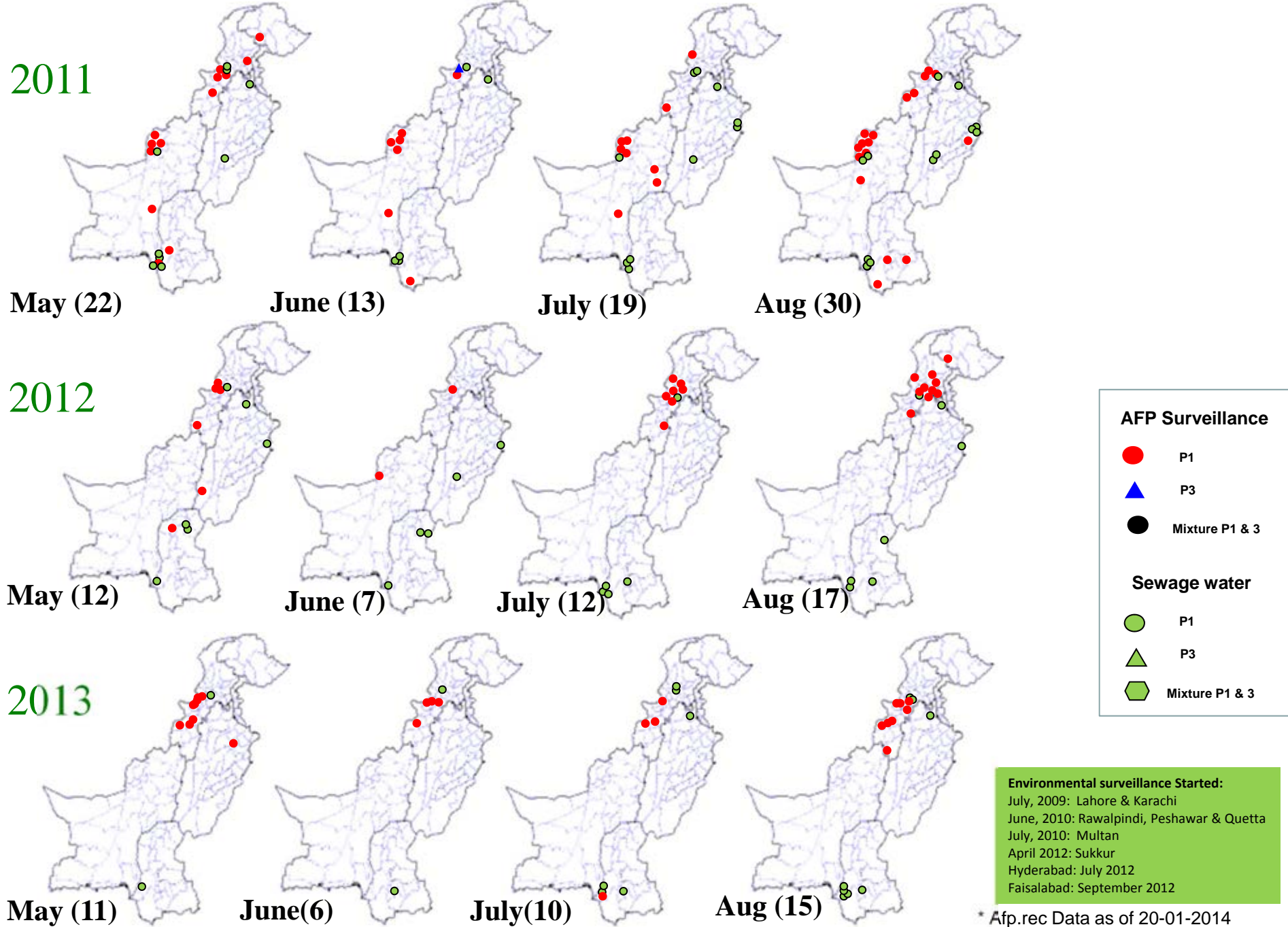
- P1
- ▲ P3
- ⬡ Mixture P1 & 3

**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

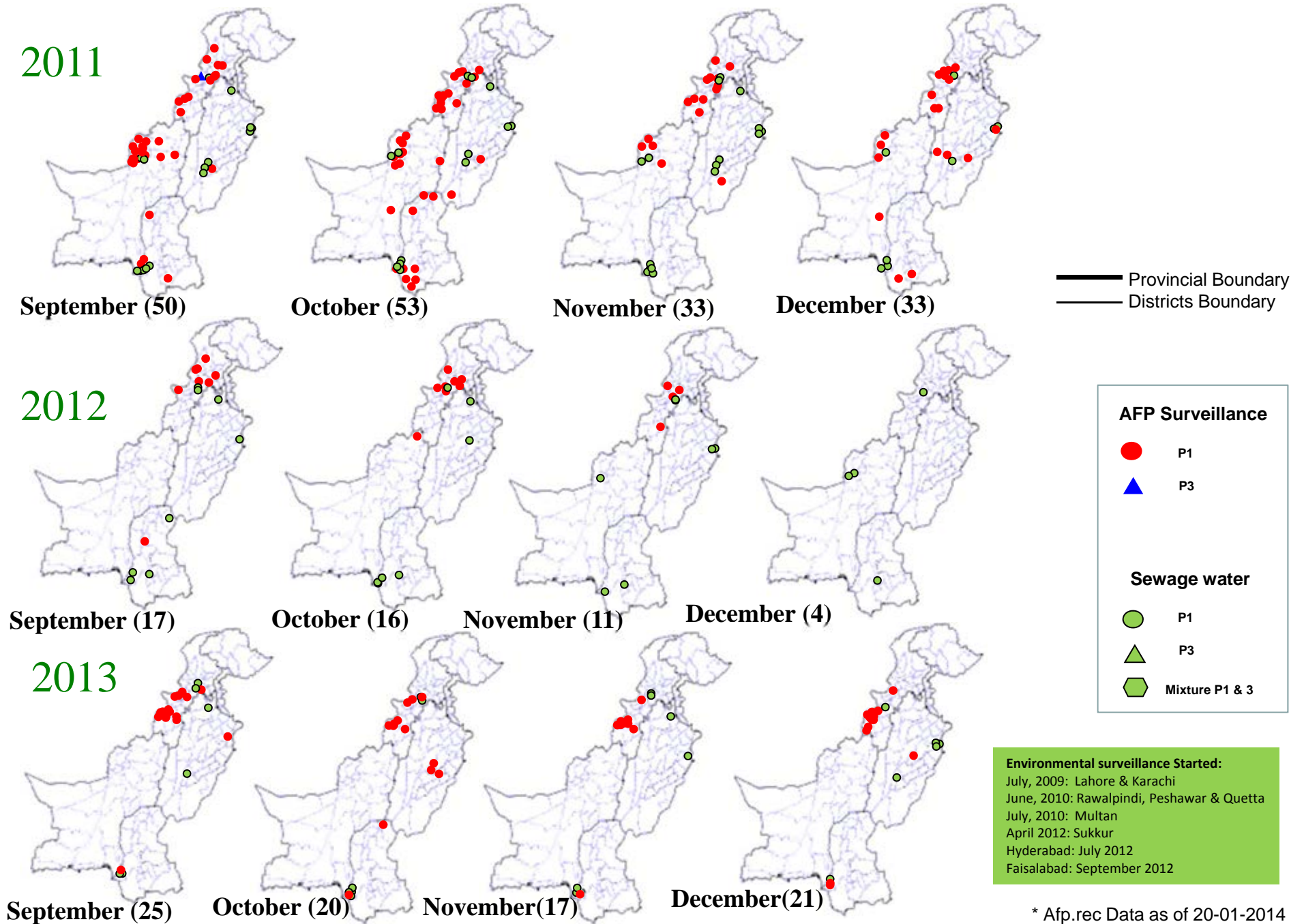


# Map 4.1: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2011-2013\*



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

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



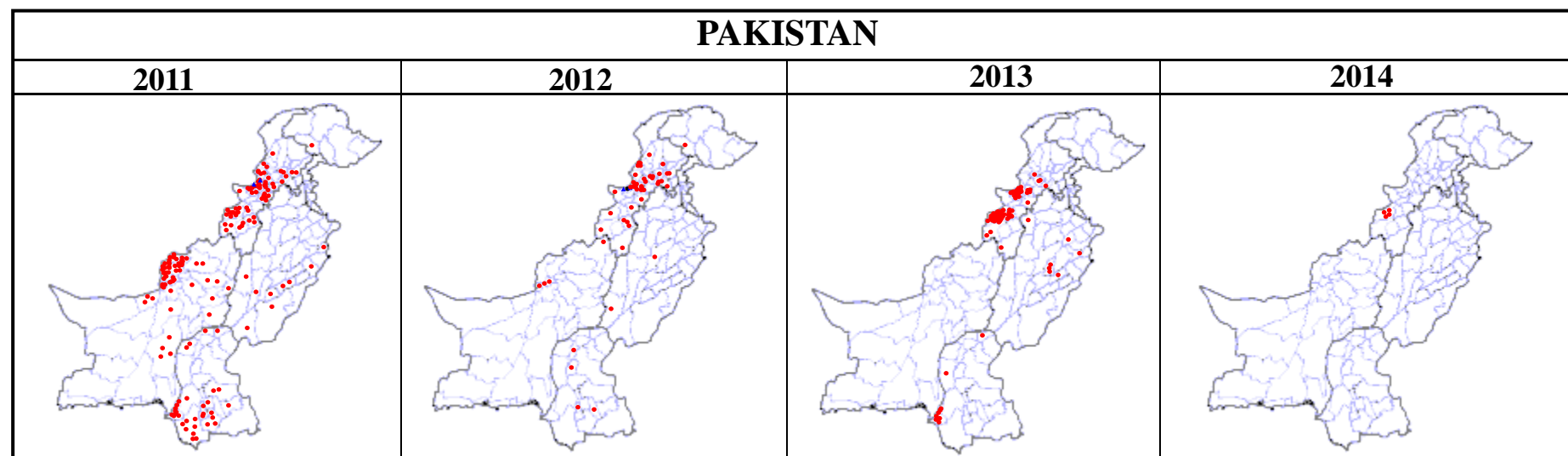
\* Afp.rec Data as of 20-01-2014



## 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	10	-	0	-	-	-	23	27	10	-
FATA^	57	17	65	4	2	2	-	-	59	20^	65	4
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>91</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>198</b>	<b>58</b>	<b>91</b>	<b>4</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\****

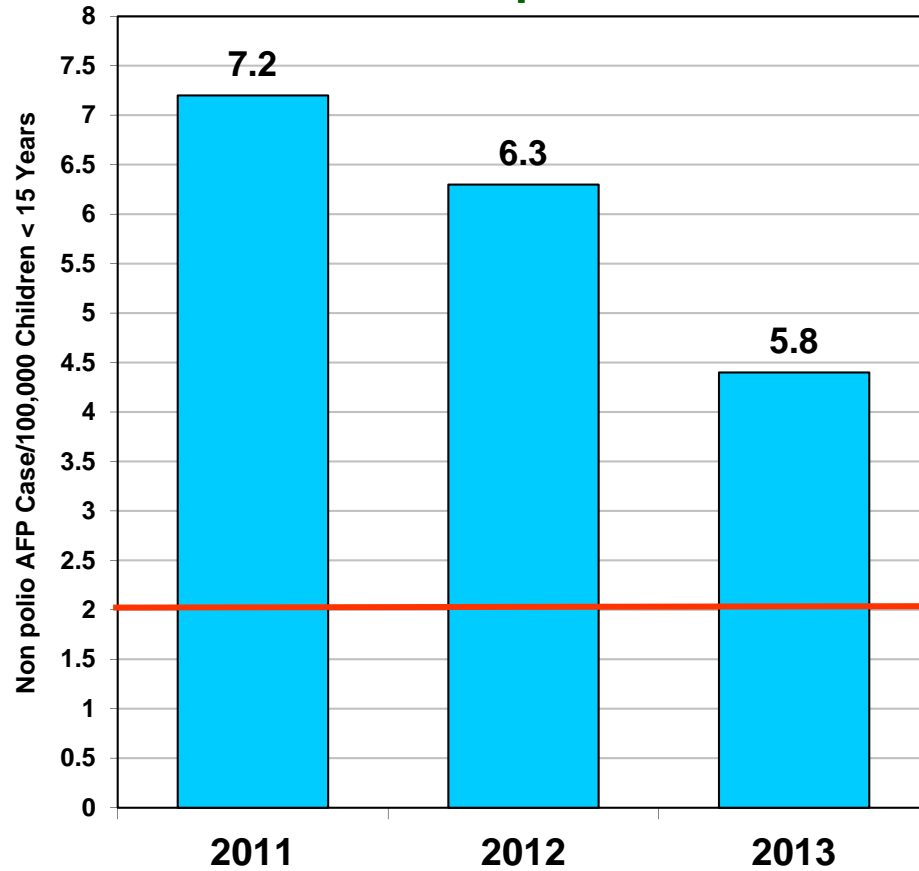
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	10	11	12	13	10	11	12	13	10	11	12	13	10	11	12	13	10	11	12	13
Central Punjab	0%	0%	0%	0%	1%	1%	0%	0%	1%	2%	0%	1%	7%	6%	4%	7%	91%	92%	95%	91%
North Punjab	0%	0%	0%	0%	0%	1%	0%	0%	2%	1%	0%	0%	6%	5%	4%	4%	91%	93%	96%	96%
South Punjab	0%	0%	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\*

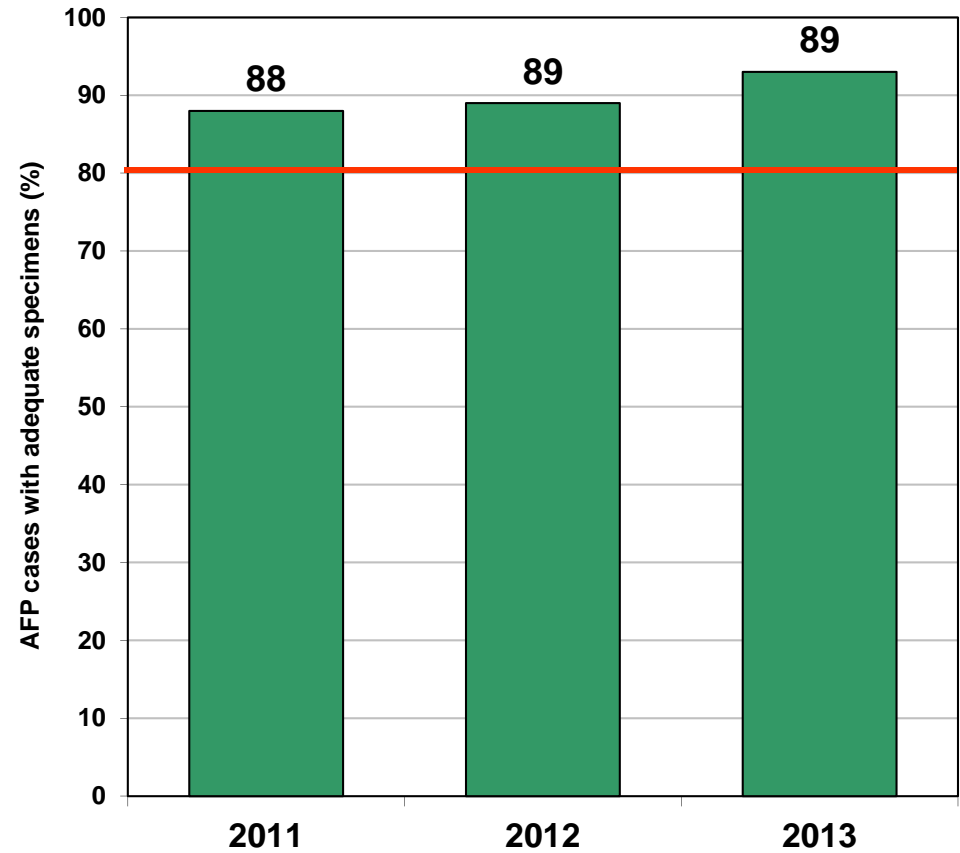
(Non polio AFP rate and % AFP cases with adequate specimens)

### Graph 3



■ Non Polio AFP Rate

### Graph 4



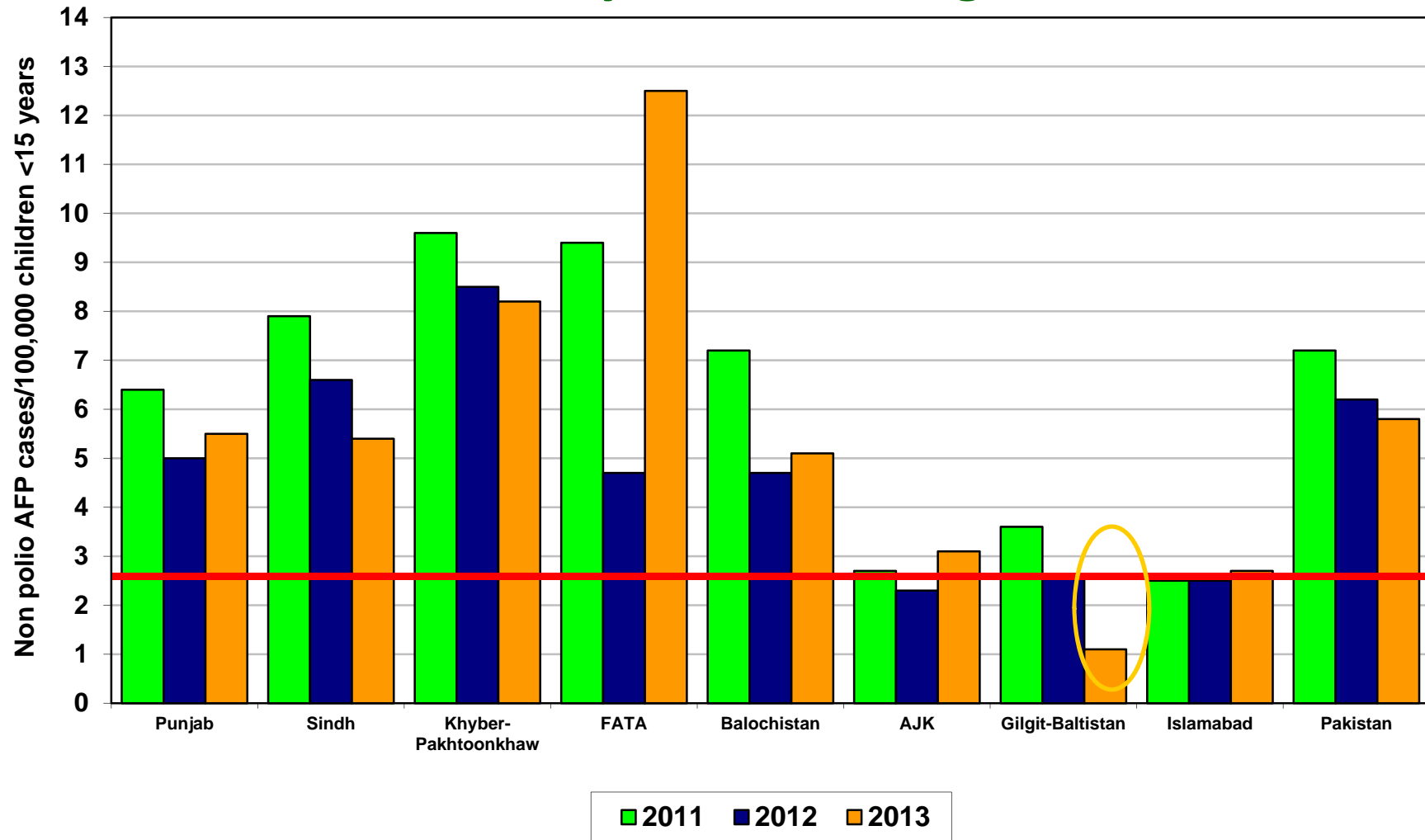
■ % AFP with Adequate Specimens

— 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\*

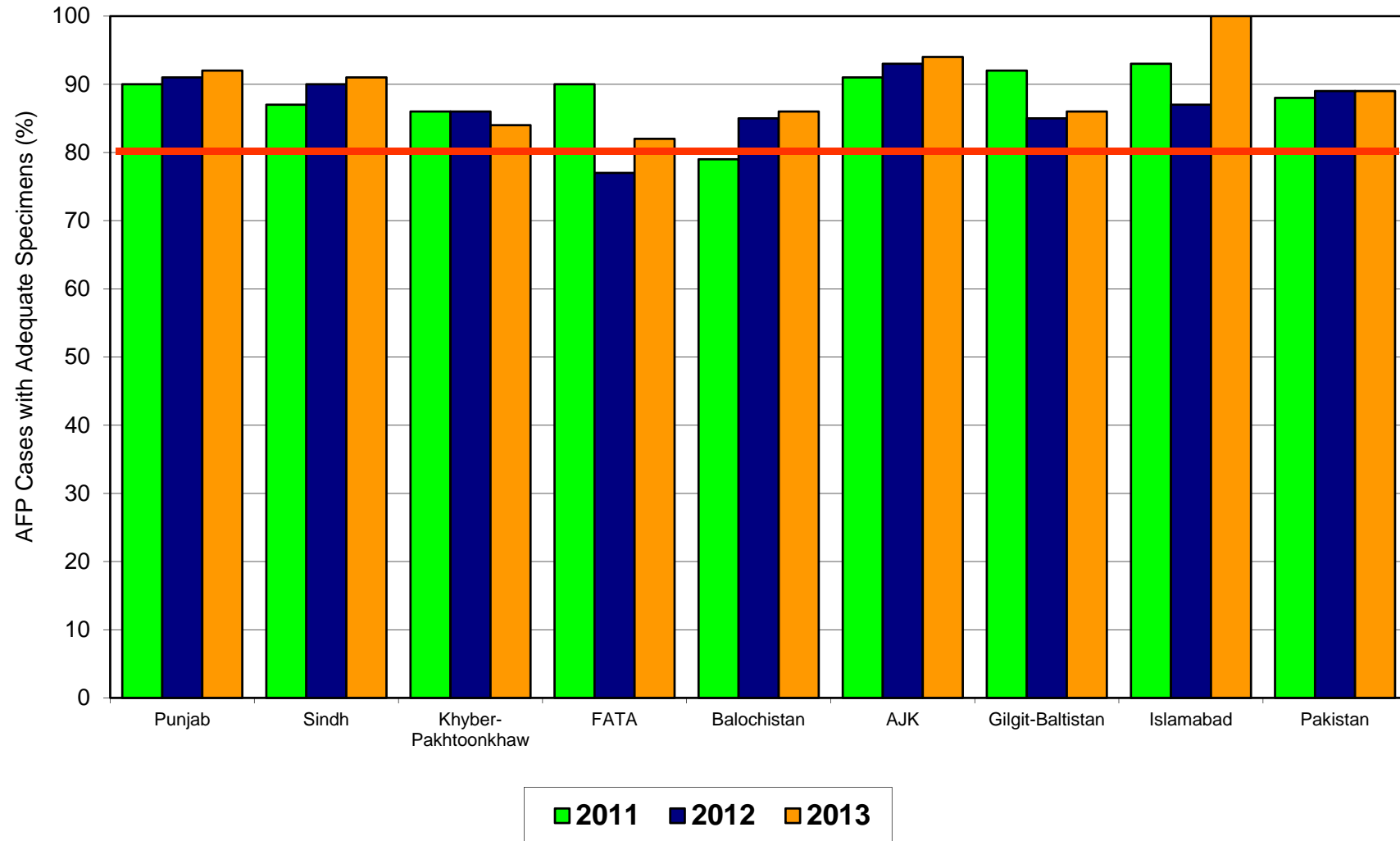


Non Polio AFP rate Up to Week No. 52 ended on 28<sup>th</sup> December, 2013

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

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

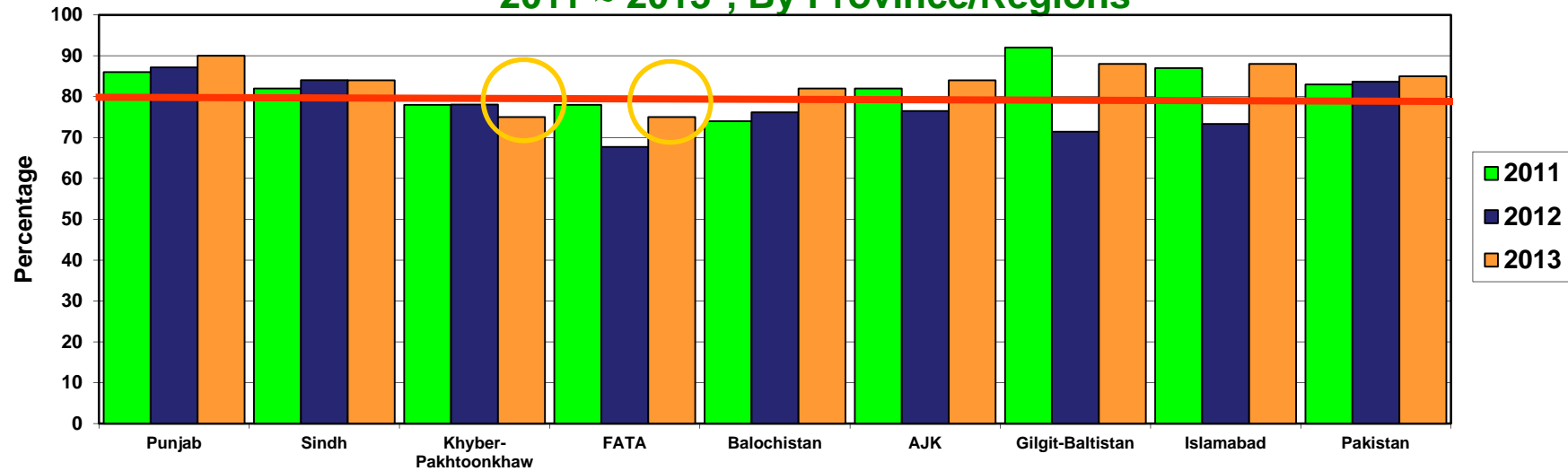
# Percent AFP Cases with Adequate Specimens By Province/Regions, 2011-2013\*



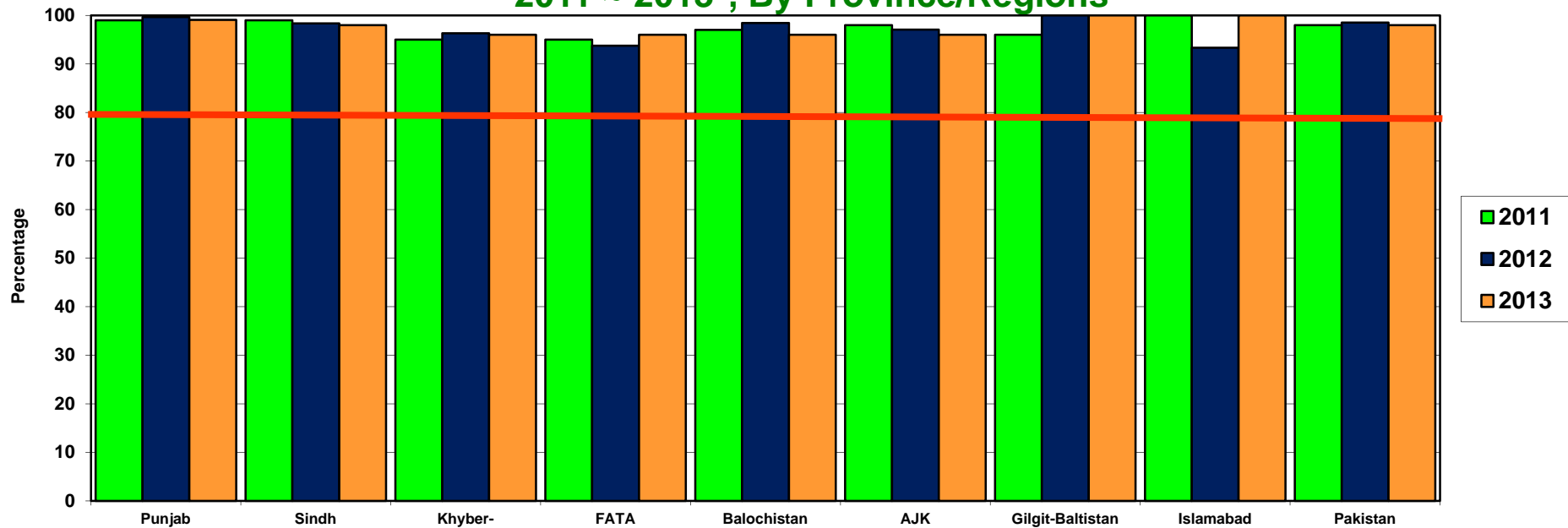
\* Afp.rec Data as of 20-01-2014

Target Adequate Sample cases = 80%

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



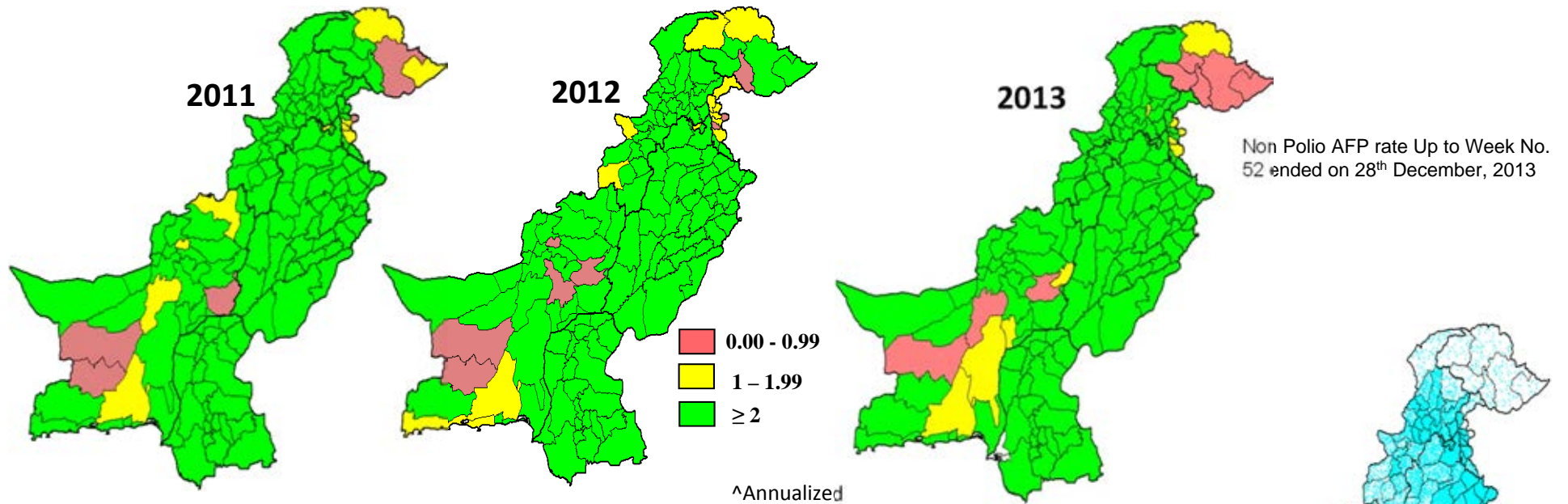
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification  
2011 ~ 2013\*, By Province/Regions**



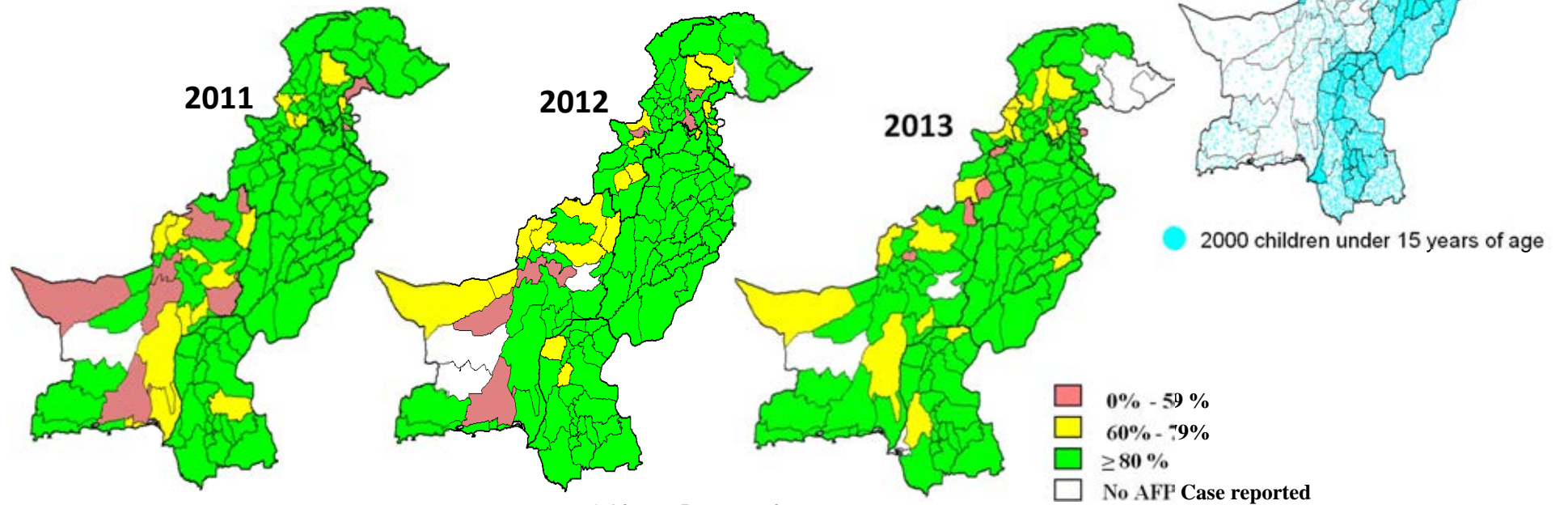
\* Afp.rec Data as of 20-01-2014

— Target

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



## Percent AFP Cases with Adequate Specimens, by District



**Table 7: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2013 (1/4)**

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	380
2	MARDAN	MARDAN	KP/40/13/007	M	29	17-01-13	7+	06-02-13	07-02-13	EV	Y	Y	Y	Y	364
3	PESHAWAR	PESHAWAR	KP/30/13/008	M	96	15-01-13	7+	26-02-13	27-02-13	NVI	N	N	Y	Y	366
4	SWAT	SWAT	KP/24/13/004	M	120	20-02-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	330
5	WAZIR-N	MIRAN SHAH	FT/64/13/001	M	96	08-02-13	6	13-02-13		NVI	Y	N	Y	DIED	342
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	239
7	FAISALABAD	FAISALABAD CITY	PB/51/13/061	F	144	01-08-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	168
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	152
9	FAISALABAD	FAISALABAD CITY	PB/51/13/086	F	120	01-08-13	7+	Late Notified			Y	Y	Y	Y	168
10	FAISALABAD	FAISALABAD SADAR	PB/51/13/098	M	124	12-10-13	7+				Y	Y	Y		96
11	FAISALABAD	TANGLIAN WALA	PB/51/13/103	M	24	15-10-13	7+				N	Y	UK		93
12	GUJRANWALA	KHIALI SHAHPUR	PB/21/13/055	M	96	14-06-13	7+	03-07-13	05-07-13	NVI	Y	Y	Y	Y	216
13	GUJRANWALA	KAMOKE	PB/21/13/087	F	72	21-09-13	7+	07-10-13	08-10-13	NVI	Y	Y	Y	Y	117
14	GUJRANWALA	KAMOKE	PB/21/13/090	M	96	25-06-13	7+	Late Notified			N	Y	Y	Y	205
15	JHELUM	SOHAWA	PB/14/13/026	M	108	19-08-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	150
16	LAHORE	SHALAMAR TOWN	PB/31/13/095	F	108	17-09-13	7+				Y	N	Y	DIED	121
17	LAHORE	NISHTAR TOWN	PB/31/13/097	F	24	10-08-13	7+	27-09-13	28-09-13	EV	N	Y	Y	Y	159
18	MUZFARGARH	MUZFARGARH	PB/83/13/096	M	14	17-08-13	7+	04-10-13	05-10-13	VACC	Y	Y	Y	Y	152
19	MUZFARGARH	ALIPUR	PB/83/13/098	M	4	25-08-13	3	08-10-13	09-10-13	EV	Y	Y	Y	Y	144
20	NANKANASAHIB	NANKANASAHIB	PB/35/13/027	F	50	07-08-13	7+	28-09-13	29-09-13	NVI	N	N	Y	Y	162
21	OKARA	DEPALPUR	PB/34/13/031	M	24	27-05-13	7+	07-07-13	08-07-13	EV	N	Y	Y	Y	234
22	RAWALPINDI	RAWALPINDI	PB/11/13/028	M	132	13-05-13	7+	03-06-13	05-06-13	NVI	N	N	Y	Y	248
23	RAWALPINDI	MURREE	PB/11/13/041	M	177	05-07-13	7+	23-07-13	24-07-13	NVI	N	N	Y	Y	195
24	RAWALPINDI	RAWALPINDI	PB/11/13/047	M	87	09-08-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	160
25	RAWALPINDI	TAXILA	PB/11/13/048	M	27	13-08-13	7+				N	N	Y	DIED	156
26	RAWALPINDI	RAWALPINDI	PB/11/13/050	F	102	15-08-13	7+	24-08-13		NVI	N	N	Y	DIED	154
27	RAWALPINDI	TAXILA	PB/11/13/058	M	121	22-08-13	7+	02-10-13	04-10-13	NVI	N	N	Y	Y	147
28	RAWALPINDI	GUJAR KHAN	PB/11/13/062	M	36	25-09-13	7+	18-10-13	20-10-13	NVI	Y	N	Y	Y	113
29	SAHIWAL	SAHIWAL	PB/65/13/024	M	120	12-06-13	7+	22-07-13	23-07-13	NVI	Y	Y	Y	Y	218
30	SAHIWAL	CHICHAWATNI	PB/65/13/025	F	6	25-06-13	5	30-07-13	01-08-13	NVI	Y	N	Y	Y	205
31	SAHIWAL	CHICHAWATNI	PB/65/13/044	M	4	22-09-13	3	23-10-13	24-10-13	VACC	Y	Y	Y	Y	116
32	SHEIKUPURA	FEROZEWALA	PB/33/13/030	M	144	22-05-13	7+	14-06-13	15-06-13	NVI	N	Y	Y	Y	239
33	SHEIKUPURA	MURIDKE	PB/33/13/038	M	84	03-07-13	7+	11-07-13		NVI	Y	N	Y	DIED	197
34	TTSINGH	KAMALIA	PB/52/13/061	M	4	19-08-13	5	Late Notified			Y	Y	UK	Y	150
35	GHOTKI	KHANGARH	SD/42/13/052	M	72	21-07-13	7+	30-08-13	31-08-13	NVI	Y	N	Y	Y	179
36	HYDERABAD	HYDERABAD CITY	SD/21/13/024	M	84	28-09-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	110
37	HYDERABAD	HYDERABAD RURAL	SD/21/13/033	F	43	17-10-13	7+	10-12-13	11-12-13	NVI	N	N	Y	Y	91
38	JACOBABAD	THUL	SD/53/13/013	M	156	16-05-13	7+	11-06-13	15-06-13	NVI	Y	Y	Y	Y	245
39	JACOBABAD	THUL	SD/53/13/017	M	10	26-06-13	7+	26-07-13	27-07-13	EV	Y	Y	Y	Y	204
40	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	258
41	JAMSHORO	SEHWAN	SD/25/13/019	M	6	02-10-13	3	16-10-13	17-10-13	NVI	Y	Y	Y	LOST	106
42	KAMBAR	MIRO KHAN	SD/55/13/023	M	24	26-09-13	7+	29-10-13	30-10-13		N	Y	Y	Y	112
43	KASHMORE	KANDHKOT	SD/54/13/002	M	54	27-05-13	7+	Late Notified			N	N	Y	LOST	234
44	KHAIRPUR	GAMBAT	SD/43/13/049	F	48	14-10-13	7+	05-11-13	09-11-13	NVI	Y	N	Y	DIED	94

€ 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 (2/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
45	KHIBALDIA	BALDIA	SD/61/13/005	F	36	18-06-13	4	Child Died Before Stool Collection			N	N	Y	DIED	212
46	KHIBALDIA	BALDIA	SD/61/13/010	M	16	10-10-13	7+	24-10-13	26-10-13	EV	Y	Y	Y		98
47	KHIBINQASIM	BINQASIM	SD/62/13/012	M	96	19-09-13	7+	17-11-13	18-11-13	NVI	Y	N	Y	Y	119
48	KHIGADAP	GADAP	SD/63/13/010	F	42	02-06-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	228
49	KHIGADAP	GADAP	SD/63/13/021	F	10	23-08-13	1	23-09-13	24-09-13	NVI	Y	Y	Y	Y	146
50	KHIGADAP	GADAP	SD/63/13/031	M	14	15-07-13	7+	Late Notified			Y	Y	Y	Y	185
51	KHIJAMSHEED	JAMSHEED	SD/66/13/004	F	60	01-05-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	260
52	KHIKAMARI	KAMARI	SD/67/13/005	M	108	25-06-13	7+	07-07-13	15-07-13	NVI	Y	Y	Y	Y	205
53	KHISADDAR	SADDAR	SD/77/13/004	F	38	05-04-13	7+	10-05-13	11-05-13	NVI	N	N	Y	Y	286
54	NFEROZ	BHIRIA	SD/45/13/003	F	144	05-02-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	345
55	NFEROZ	MORO	SD/45/13/013	F	54	10-05-13	7+	01-06-13	02-06-13	NVI	N	Y	Y	Y	251
56	SANGHAR	KHIPRO	SD/32/13/024	F	60	15-09-13	7+	01-10-13	02-10-13	NVI	Y	Y	Y	Y	123
57	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	233
58	T.ALLAHYAR	J.MUREE	SD/27/13/010	M	72	13-06-13	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	217
59	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	148
60	THARPARKAR	MITHI	SD/33/13/021	M	36	21-09-13	7+	14-10-13	15-10-13	NVI	Y	N	N	Y	117
61	THATTA	THATTA	SD/22/13/032	M	72	06-06-13	7+	15-07-13	16-07-13	NVI	Y	Y	Y	Y	224
62	UMERKOT	UMER KOT	SD/34/13/026	M	2	06-09-13	1	17-09-13		EV	Y	N	Y	DIED	132
63	ABOTABAD	HAVALIAN	KP/10/13/017	M	96	23-07-13	7+	14-08-13	15-08-13	NVI	Y	N	Y	Y	177
64	ABOTABAD	ABBOTABAD	KP/10/13/021	M	49	27-07-13	7+	16-08-13	17-08-13	EV	N	N	N		173
65	ABOTABAD	ABBOTABAD	KP/10/13/025	F	14	15-10-13	7+	03-11-13	04-11-13	NVI	N	N	Y		93
66	ABOTABAD	HAVALIAN	KP/10/13/027	F	72	18-08-13	7+	Late Notified			N	Y	Y		151
67	BANNU	BANNU	KP/61/13/010	M	53	30-04-13	7+	Late Notified			Y	N	N	Y	261
68	BUNIR	DAGGAR	KP/22/13/008	M	35	12-03-13	7+	01-04-13	02-04-13	NVI	Y	Y	Y	Y	310
69	BUNIR	DAGGAR	KP/22/13/007	M	132	28-02-13	7+	30-03-13	31-03-13	NVI	N	N	Y	Y	322
70	BUNIR	DAGGAR	KP/22/13/015	M	72	01-01-13	7+	Late Notified			Y	Y	Y	Y	380
71	BUNIR	DAGGAR	KP/22/13/044	M	16	09-08-13	0	Late Notified			Y	N	N	Y	160
72	CHARSADA	CHARSADA	KP/31/13/049	F	72	10-08-13	7+	24-08-13	27-08-13	NVI	Y	Y	Y		159
73	CHARSADA	SHABQADAR	KP/31/13/052	F	39	27-08-13	7+	10-09-13	11-09-13	NVI	Y	Y	Y		142
74	CHARSADA	CHARSADA	KP/31/13/053	M	18	03-08-13	7+	03-09-13	04-09-13	NVI	Y	Y	Y		166
75	DIKHAN	KULACHI	KP/60/13/013	F	18	22-04-13	5	16-06-13	17-06-13	VACC	N	Y	Y	Y	269
76	DIKHAN	DIKHAN	KP/60/13/014	M	54	17-06-13	7+	20-06-13		NVI	Y	Y	Y	DIED	213
77	DIRLOWER	SAMAR BAGH	KP/23/13/015	F	13	30-01-13	7+	Late Notified			Y	Y	Y	Y	351
78	DIRLOWER	SAMAR BAGH	KP/23/13/033	F	96	25-07-13	7+	05-09-13	07-09-13	NVI	Y	Y	Y	Y	175
79	DIRLOWER	TIMERGARA	KP/23/13/034	M	30	08-08-13	7+	16-09-13	17-09-13	NVI	Y	Y	Y	Y	161
80	DIRLOWER	TIMERGARA	KP/23/13/038	M	1	10-10-13	1	15-11-13	16-11-13	NVI	Y	Y	Y	Y	98
81	DIRUPPER	DIR	KP/25/13/006	F	21	25-07-13	7+	08-08-13	10-08-13	EV	UK	Y	Y	Y	175
82	HANGU	HANGU	KP/54/13/005	M	12	21-06-13	7+	08-07-13	09-07-13	EV	Y	Y	Y		209
83	HANGU	HANGU	KP/54/13/004	F	30	05-06-13	7+	05-07-13	06-07-13	EV	Y	N	Y	Y	225
84	HANGU	HANGU	KP/54/13/008	M	36	03-07-13	7+	24-07-13		EV	Y	N	Y		197
85	HANGU	HANGU	KP/54/13/012	F	24	29-08-13	7+	16-09-13	18-09-13		Y	Y	N		140
86	HARIPUR	HARIPUR	KP/12/13/005	M	66	18-01-13	7+	19-02-13	20-02-13	EV	N	N	Y	Y	363
87	HARIPUR	HARIPUR	KP/12/13/012	F	20	18-04-13	7+	19-05-13	20-05-13	EV	Y	Y	Y	Y	273
88	HARIPUR	HARIPUR	KP/12/13/019	F	20	28-06-13	7+	18-08-13	19-08-13		Y	Y	Y		202

€ 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 (3/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
89	HARIPUR	HARIPUR	KP/12/13/024	F	48	06-10-13	7+	29-10-13	30-10-13	NVI	Y	N	Y		102
90	KOHAT	LACHI	KP/50/13/012	M	96	28-05-13	7+	26-06-13	27-06-13	NVI	N	N	Y	Y	233
91	KOHAT	LACHI	KP/50/13/015	M	21	15-05-13	7+	Late Notified			Y	Y	Y	Y	246
92	LAKKIMRWT	LAKKIMRWT	KP/62/13/018	M	26	22-05-13	7+	21-06-13	22-06-13		N	Y	Y	Y	239
93	LAKKIMRWT	LAKKIMRWT	KP/62/13/030	F	28	11-09-13	7+	01-10-13	03-10-13	NVI	N	N	Y	Y	127
94	LAKKIMRWT	LAKKIMRWT	KP/62/13/038	F	96	05-10-13	3	26-10-13	27-10-13	NVI	Y	Y	Y	Y	103
95	MANSEHRA	MANSEHRA	KP/14/13/005	M	168	17-03-13	7+	Child Died Before Stool Collection			N	N	Y	DIED	305
96	MANSEHRA	MANSEHRA	KP/14/13/010	F	9	01-06-13	6	17-06-13	19-06-13	NVI	Y	N	Y	DIED	229
97	MANSEHRA	MANSEHRA	KP/14/13/019	F	24	13-07-13	7+	Child Died Before Stool Collection			UK	UK	Y	DIED	187
98	MARDAN	TAKHT BHAI	KP/40/13/034	M	5	10-03-13	6	Late Notified			N	Y	UK	Y	312
99	MARDAN	MARDAN	KP/40/13/059	F	24	25-07-13	7+	21-08-13	22-08-13	NVI	Y	Y	Y	Y	175
100	MARDAN	MARDAN	KP/40/13/063	M	108	15-08-13	7+	29-08-13	31-08-13	NVI	Y	Y	Y	Y	154
101	MARDAN	MARDAN	KP/40/13/046	F	24	15-06-13	7+	05-07-13	06-07-13	EV	Y	Y	Y	Y	215
102	MARDAN	MARDAN	KP/40/13/074	F	24	02-08-13	7+	11-09-13	13-09-13	NVI	N	Y	Y	Y	167
103	MARDAN	MARDAN	KP/40/13/077	F	32	02-09-13	7+	24-09-13	25-09-13	NVI	Y	Y	Y	Y	136
104	MARDAN	MARDAN	KP/40/13/073	M	23	15-06-13	7+	Late Notified			UK	Y	UK	Y	215
105	MARDAN	MARDAN	KP/40/13/095	F	60	13-10-13	7+	16-11-13	17-11-13	NVI	N	N	Y	Y	95
106	NOWSHERA	NOWSHERA	KP/32/13/012	F	108	15-03-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	307
107	NOWSHERA	NOWSHERA	KP/32/13/029	M	14	28-07-13	7+	17-08-13	18-08-13	EV	Y	Y	Y		172
108	NOWSHERA	NOWSHERA	KP/32/13/036	F	30	03-08-13	7+	25-09-13	26-09-13	NVI	Y	Y	Y		166
109	NOWSHERA	NOWSHERA	KP/32/13/031	M	25	25-07-13	7+	21-08-13	22-08-13	EV	Y	Y	Y		175
110	PESHAWAR	PESHAWAR	KP/30/13/022	F	22	06-02-13	7+	Late Notified			N	N	N	Y	344
111	PESHAWAR	PESHAWAR	KP/30/13/026	M	24	17-04-13	0	17-05-13	19-05-13	EV	Y	Y	Y	Y	274
112	PESHAWAR	PESHAWAR	KP/30/13/039	F	54	03-05-13	7+	14-06-13	15-06-13	EV	Y	Y	Y	Y	258
113	PESHAWAR	PESHAWAR	KP/30/13/043	F	66	16-06-13	7+	07-07-13	08-07-13	NVI	Y	Y	Y	Y	214
114	PESHAWAR	PESHAWAR	KP/30/13/052	M	36	13-07-13	7+	27-07-13	28-07-13	EV	N	Y	Y	Y	187
115	PESHAWAR	PESHAWAR	KP/30/13/063	M	14	16-08-13	7+	30-08-13	01-09-13	VACC	Y	N	Y	LOST	153
116	PESHAWAR	PESHAWAR	KP/30/13/069	M	84	29-08-13	7+	13-09-13	14-09-13	NVI	Y	Y	Y	DIED	140
117	PESHAWAR	PESHAWAR	KP/30/13/057	F	21	14-07-13	7+	16-08-13	17-08-13	EV	Y	Y	Y	Y	186
118	PESHAWAR	PESHAWAR	KP/30/13/076	F	24	28-08-13	7+	02-10-13	10-10-13	NVI	Y	N	UK	Y	141
119	PESHAWAR	PESHAWAR	KP/30/13/097	F	9	02-10-13	0	19-11-13	20-11-13	EV	Y	Y	Y		106
120	PESHAWAR	PESHAWAR	KP/30/13/094	F	96	11-10-13	7+	17-11-13	19-11-13	NVI	Y	Y	Y	Y	97
121	PESHAWAR	PESHAWAR	KP/30/13/096	M	7	08-10-13	3	18-11-13	19-11-13	NVI	Y	Y	Y	Y	100
122	PESHAWAR	PESHAWAR	KP/30/13/056	F	24	14-07-13	7+	06-08-13	07-08-13	NVI	N	N	Y	Y	186
123	PESHAWAR	PESHAWAR	KP/30/13/059	M	86	13-06-13	7+	Late Notified			Y	Y	Y	Y	217
124	PESHAWAR	PESHAWAR	KP/30/13/106	M	25	05-10-13	7+	29-11-13	30-11-13	EV	N	Y	Y		103
125	PESHAWAR	PESHAWAR	KP/30/13/114	M	14	15-10-13	7+	Late Notified			N	Y	Y	Y	93
126	SHANGLA	MARTOONG	KP/26/13/001	M	72	08-01-13	7+	Late Notified			Y	Y	Y	LOST	373
127	SHANGLA	CHAKISAR	KP/26/13/008	F	36	01-06-13	7+	27-06-13	31-07-13	NVI	Y	Y	Y	Y	229
128	SWABI	SWABI	KP/41/13/035	M	36	15-09-13	7+	Late Notified			Y	Y	Y		123
129	SWAT	SWAT	KP/24/13/006	F	132	02-04-13	7+	10-04-13		NVI	N	N	Y	DIED	289
130	SWAT	SWAT	KP/24/13/009	M	16	19-04-13	7+	14-05-13	15-05-13	NVI	Y	N	N	Y	272
131	TANK	TANK	KP/63/13/005	M	42	25-02-13	7+	27-04-13	28-04-13	NVI	Y	N	UK	Y	325
132	TANK	TANK	KP/63/13/009	M	13	02-08-13	7+	06-09-13	07-09-13	NVI	N	N	Y	Y	167

€ 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 (4/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
133	TANK	TANK	KP/63/13/010	M	24	11-08-13	7+	24-09-13	25-09-13	NVI	Y	Y	Y	Y	158
134	JAFARABAD	SOHBAT PUR	BN/43/13/015	F	30	18-07-13	7+	30-08-13	31-08-13	EV	Y	Y	Y	Y	182
135	KHUZDAR	NAAL	BN/54/13/002	M	82	23-08-13	4	05-09-13	07-09-13	NVI	Y	N	Y		146
136	NSIRABAD	DMJAMALI	BN/41/13/010	M	18	08-09-13	7+	Child Died Before Stool Collection			Y	N	Y	DIED	130
137	SHARANI	SHARANI	BN/26/13/003	M	48	16-09-13	5	03-10-13	04-10-13	VACC	Y	Y	Y		122
138	ZIARAT	ZIARAT	BN/32/13/003	M	13	16-09-13	3	08-10-13	09-10-13	NVI	Y	Y	Y		122
139	GHIZER	PUNIAL	GB/41/13/001	M	66	02-09-13	7+	06-09-13		EV	N	Y	Y	DIED	136
140	BAJOUR	MAMUND	FT/33/13/007	M	45	02-01-13	7+	Late Notified			N	Y	Y	Y	379
141	BAJOUR	KHAR	FT/33/13/018	M	22	08-07-13	7+	23-08-13	24-08-13	NVI	Y	Y	Y		192
142	BAJOUR	MAMUND	FT/33/13/017	F	44	09-07-13	7+	13-08-13	14-08-13	EV	Y	N	N		191
143	BAJOUR	KHAR	FT/33/13/020	F	12	07-08-13	7+	07-09-13	08-09-13	EV	Y	Y	N		162
144	BAJOUR	MAMUND	FT/33/13/022	M	17	28-07-13	7+	12-09-13	13-09-13	NVI	N	Y	N		172
145	BAJOUR	KHAR	FT/33/13/023	F	48	15-08-13	7+	15-09-13	16-09-13	EV	N	N	Y		154
146	BAJOUR	KHAR	FT/33/13/024	M	36	18-08-13	7+	16-09-13	17-09-13	NVI	Y	Y	Y		151
147	BAJOUR	MAMUND	FT/33/13/032	M	18	04-09-13	7+	05-10-13	06-10-13	VACC	Y	Y	N		134
148	BAJOUR	NAWAGAI	FT/33/13/040	F	48	30-09-13	7+	25-11-13	26-11-13	VACC	Y	Y	N		108
149	FR BANNU	FR BANNU	FT/69/13/007	M	22	30-07-13	3	28-08-13	29-08-13	EV	Y	Y	Y		170
150	FR BANNU	FR BANNU	FT/69/13/012	M	9	10-08-13	0	22-09-13	23-09-13	EV	Y	Y	Y		159
151	FR BANNU	FR BANNU	FT/69/13/021	M	12	28-09-13	0	30-10-13	31-10-13	NVI	Y	Y	Y		110
152	KHYBER	JAMRUD	FT/34/13/002	F	24	18-01-13	7+	21-02-13	23-02-13	NVI	N	Y	Y	Y	363
153	KHYBER	JAMRUD	FT/34/13/017	M	14	08-06-13	0	16-06-13		NVI	Y	Y	Y	Y	222
154	KHYBER	BARA	FT/34/13/016	F	10	06-06-13	0	21-06-13	23-06-13	NVI	Y	Y	Y		224
155	KHYBER	BARA	FT/34/13/018	M	12	11-06-13	0	01-07-13	02-07-13	EV	Y	Y	Y		219
156	KHYBER	BARA	FT/34/13/021	F	18	13-07-13	0	25-07-13	29-07-13	NVI	N	N	Y		187
157	KHYBER	BARA	FT/34/13/037	M	13	26-09-13	0	11-10-13	12-10-13	NVI	Y	Y	Y		112
158	KHYBER	LANDI KOTAL	FT/34/13/039	M	18	09-10-13	7+	Late Notified			Y	N	Y		99
159	KHYBER	BARA	FT/34/13/043	F	36	17-10-13	1	08-11-13	09-11-13	EV	Y	Y	Y		91
160	KHYBER	LANDI KOTAL	FT/34/13/044	M	44	30-06-13	7+	Late Notified			Y	Y	Y	Y	200
161	KHYBER	LANDI KOTAL	FT/34/13/048	M	12	25-09-13	7+				Y	Y	Y	Y	113
162	MOHMAND	UPPER MOHMAND	FT/35/13/003	F	18	18-04-13	7+	07-05-13	08-05-13	NVI	Y	Y	Y	Y	273
163	MOHMAND	UPPER MOHMAND	FT/35/13/008	M	26	08-05-13	7+	22-06-13	23-06-13		Y	Y	Y		253
164	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	266
165	WAZIR-N	MIR ALI	FT/64/13/030	F	9	09-08-13	0	Late Notified			Y	N	N		160
166	WAZIR-N	MIR ALI	FT/64/13/042	M	7	03-07-13	0	29-08-13	30-08-13	EV	Y	N	Y		197
167	WAZIR-N	MIR ALI	FT/64/13/054	F	18	09-09-13	2	Late Notified			Y	N	Y		129
168	WAZIR-N	MIR ALI	FT/64/13/090	M	12	20-09-13	0	24-10-13	25-10-13	VACC	Y	Y	Y		118
169	WAZIR-N	MIRAN SHAH	FT/64/13/122	F	13	15-09-13	0	Late Notified			Y	Y	Y	Y	123
170	WAZIR-N	MIRAN SHAH	FT/64/13/121	M	13	25-08-13	0				N	Y	Y	Y	144
171	WAZIR-N	MIRAN SHAH	FT/64/13/123	M	12	05-10-13	0				Y	Y	Y	Y	103
172	WAZIR-S	WANA	FT/65/13/006	F	26	13-07-13	7+	15-08-13	16-08-13	NVI	Y	Y	Y		187
173	WAZIR-S	LADHA	FT/65/13/012	F	36	01-10-13	1	21-10-13	22-10-13	EV	Y	Y	Y		107
174	WAZIR-S	WANA	FT/65/13/005	F	12	25-04-13	1	19-06-13	20-06-13	NVI	UK	N	UK		266
175	WAZIR-S	WANA	FT/65/13/010	F	23	21-09-13	5	27-09-13		NVI	Y	N	UK		117

€ 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.