



**World Health  
Organization**

# **Weekly AFP Surveillance Update Pakistan**

**Week 27** (*Ended on 05<sup>th</sup> July, 2014*)

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Federal EPI***

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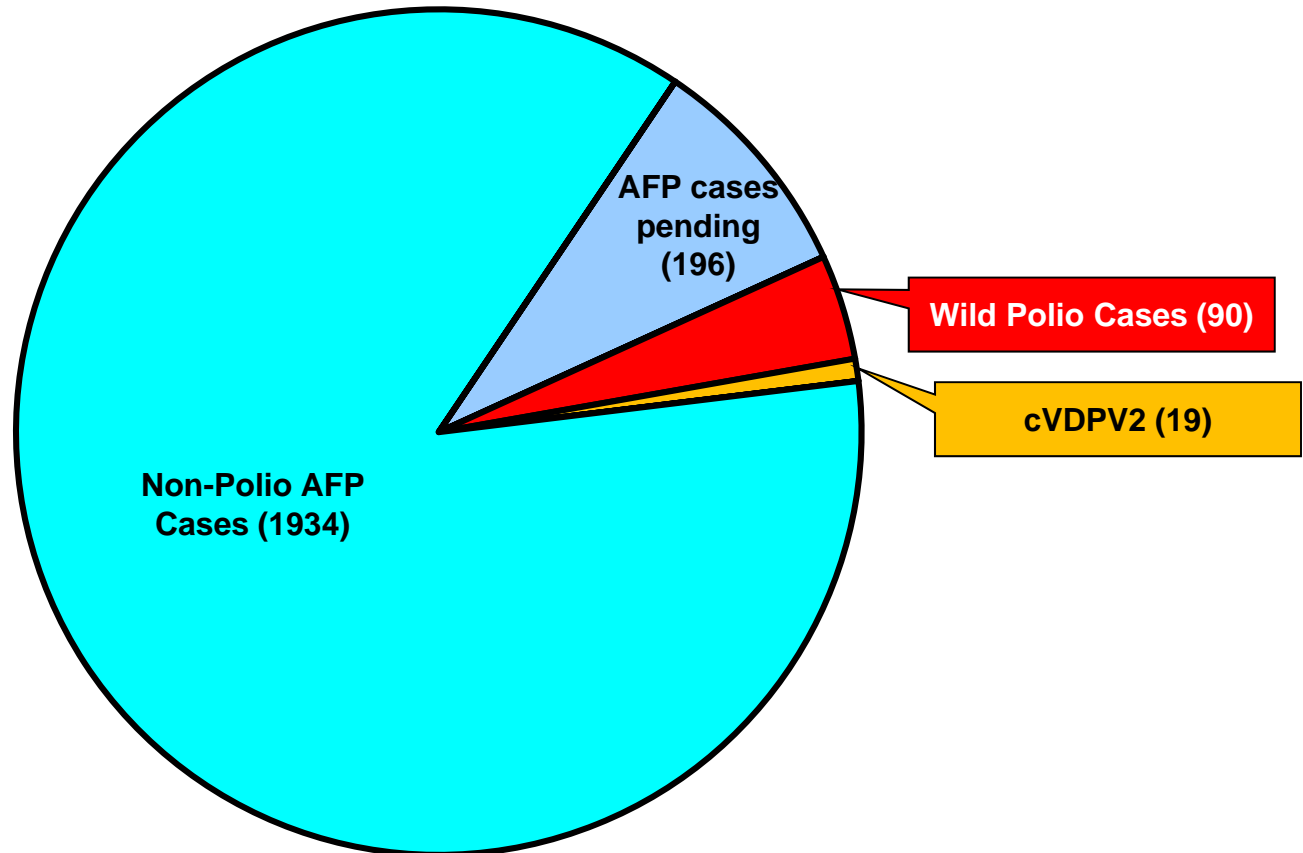
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AFP Surveillance



# AFP Case Profile, 2014\*



**Total AFP Cases Reported = 2239**

**^38 Inadequate cases pending classification by ERC;  
^66 Inadequate cases not due for FUP  
^92 Pending in the Lab**

\* Afp.rec Data as of 03-07-2014

## Point in Time Comparison of polio cases by province/region 2013 & 2014\*

Region/ Province	No. of polio cases		No. of infected districts/towns		Last polio case
	2013	2014	2013	2014	
Khyber Pakhtunkhwa	5	15	4	3	16-June -14
FATA / FR Areas	13	68	3	4	16-June -14
Sindh	2	7	2	5	06-June-14
Balochistan	0	0	0	0	02-Oct-12
Punjab	2	0	2	0	12-Dec-13
<b>Pakistan</b>	<b>22</b>	<b>90</b>	<b>11</b>	<b>12</b>	<b>16-Jun-14</b>

Six additional districts/town declared infected based on environmental samples in 2014

\* Afp.rec Data as of 03-07-2014

**Table 1: List of Confirmed Polio Cases, Pakistan 2014\* (1/5)**

S.NO.	PROVINCE/ REGION	DISTRICT	TEHSIL	EPID NO.	SEX	AGE (m)	DATE OF ONSET PARALYSIS	NO. OPV DOSES (based on parents recall)		FEVER	Asymmetric Paralysis	Rapid Progression	REFUSAL	W/PV 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	R4B
2	FATA	WAZIR-N\$	MIR ALI	FT/64/14/003	M	14	03-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
3	FATA	WAZIR-N\$	MIR ALI	FT/64/14/007	F	8	04-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
4	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/004	F	13	04-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
5	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/005	F	17	05-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
6	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/011	F	12	10-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
7	FATA	WAZIR-N\$	MIR ALI	FT/64/14/018	M	12	11-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
8	FATA	KHYBER\$	BARA	FT/34/14/003	F	13	12-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
9	FATA	WAZIR-N\$	MIR ALI	FT/64/14/012	M	23	16-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
10	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/016	M	10	17-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
11	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/017	M	17	22-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
12	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/019	F	18	24-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
13	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/021	M	16	25-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
14	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/001	M	39	26-Jan-14	0	4	Y	N	Y	Y	NSL1	R4B
15	FATA	WAZIR-N\$	MIR ALI	FT/64/14/024	M	18	28-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
16	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/022	F	11	29-Jan-14	0	0	Y	Y	Y	N	NSL1	R4B
17	KPAKHTUNKHWA	PESHAWAR	PESHAWAR	KP/30/14/008	M	6	31-Jan-14	4	4	Y	Y	Y	Y	NSL1	R4B
18	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/028	M	18	05-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
19	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/032	M	18	08-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
20	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/027	M	12	08-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
21	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/034	F	18	09-Feb-14	3	3	Y	Y	Y	N	NSL1	R4B
22	KPAKHTUNKHWA	PESHAWAR	PESHAWAR	KP/30/14/012	M	18	10-Feb-14	1	7+	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 03-07-2014

***Table 1: List of Confirmed Polio Cases, Pakistan 2014\* (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	SIA's						Cluster
23	FATA	WAZIR-N	MIRAN SHAH	FT/64/14/041	F	18	10-Feb-14	0	0	Y	N	Y	N	NSL1	R4B
24	SINDH	KARACHI	BALDIA	SD/61/14/002	F	24	10-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
25	FATA	WAZIR-S	BIRMAL	FT/65/14/001	F	6	12-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
26	FATA	WAZIR-N	MIRAN SHAH	FT/64/14/035	M	5	12-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
27	FATA	WAZIR-N	MIRAN SHAH	FT/64/14/038	M	44	15-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
28	FATA	FR BANNU	FR BANNU	FT/69/14/009	F	18	15-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
29	FATA	WAZIR-N	MIRAN SHAH	FT/64/14/037	M	10	16-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
30	FATA	WAZIR-N\$	MIR ALI	FT/64/14/042	M	17	21-Feb-14	0	0	Y	Y	N	N	NSL1	R4B
31	FATA	WAZIR-N\$	MIR ALI	FT/64/14/047	F	7	21-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
32	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/040	M	11	22-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
33	KPAKHTUNKHWA	PESHAWAR	PESHAWAR	KP/30/14/016	M	22	24-Feb-14	3	7	Y	N	Y	N	NSL1	R4B
34	FATA	WAZIR-N\$	MIR ALI	FT/64/14/043	M	16	25-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
35	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/046	M	84	26-Feb-14	0	0	Y	Y	Y	N	NSL1	R4B
36	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/007	F	10	02-Mar-14	0	0	Y	Y	Y	Y	NSL1	R4B
37	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/050	M	13	04-Mar-14	0	0	Y	Y	Y	N	NSL1	R4B
38	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/006	F	16	07-Mar-14	0	2	Y	Y	Y	Y	NSL1	R4B
39	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/051	M	14	07-Mar-14	0	0	Y	Y	Y	N	NSL1	R4B
40	FATA	WAZIR-N\$	MIR ALI	FT/64/14/049	M	5	08-Mar-14	0	0	Y	N	Y	N	NSL1	R4B
41	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/056	M	12	14-Mar-14	0	0	Y	Y	Y	N	NSL1	R4B
42	FATA	WAZIR-S	BIRMAL	FT/65/14/002	F	6	14-Mar-14	0	0	Y	N	Y	N	NSL1	R4B
43	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/009	F	10	16-Mar-14	0	2	Y	N	Y	Y	NSL1	R4B
44	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/059	M	11	19-Mar-14	0	0	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 03-07-2014

***Table 1: List of Confirmed Polio Cases, Pakistan 2014\* (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	Asymetric Paralysis	Rapid Progression	REFUSAL	W/PV TYPE	GENETICS
								Route	SIA's						Cluster
45	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/057	F	34	20-Mar-14	0	0	Y	N	Y	N	NSL1	R4B
46	FATA	WAZIR-S	BIRMAL	FT/65/14/005	F	9	22-Mar-14	0	0	Y	Y	Y	N	NSL1	R4B
47	SINDH	KHIGADAP	GADAP	SD/63/14/006	F	11	26-Mar-14	0	0	Y	Y	Y	Y	NSL1	R4B
48	KPAKHTUNKHWA	PESHAWAR	PESHAWAR	KP/30/14/032	F	6	27-Mar-14	0	7+	Y	Y	Y	N	NSL1	R4B
49	SINDH	KARACHI	ORANGI	SD/75/14/005	F	22	30-Mar-14	3	7+	Y	Y	Y	N	NSL1	R4B
50	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/064	F	18	02-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
51	SINDH	KHIGADAP	GADAP	SD/63/14/008	M	7	02-Apr-14	0	1	Y	N	Y	N	NSL1	R4B
52	FATA	WAZIR-S	WANA	FT/65/14/006	F	15	03-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
53	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/066	F	18	04-Apr-14	0	0	Y	N	Y	N	NSL1	R4B
54	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/067	F	48	06-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
55	SINDH	KHIGADAP	GADAP	SD/63/14/010	F	18	08-Apr-14	3	7+	Y	N	Y	Y	NSL1	R4B
56	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/068	F	78	09-Apr-14	0	0	Y	Y	Y	Y	NSL1	R4B
57	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/070	F	11	10-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
58	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/072	M	14	11-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
59	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/012	M	10	19-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
60	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/073	M	14	20-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
61	FATA	WAZIR-S	WANA	FT/65/14/007	F	22	20-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
62	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/077	M	14	24-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
63	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/079	M	22	27-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
64	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/081	F	6	28-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
65	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/083	M	23	29-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
66	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/082	F	6	30-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 03-07-2014

**Table 1: List of Confirmed Polio Cases, Pakistan 2014\* (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	Asymetric Paralysis	Rapid Progression	REFUSAL	WPV TYPE	GENETICS
								Route	SIA's						Cluster
67	FATA	KHYBER\$	BARA	FT/34/14/010	M	27	01-May-14	0	0	Y	Y	Y	N	NSL1	R4B
68	FATA	FR BANNU	FR BANNU	FT/69/14/018	F	7	02-May-14	0	0	Y	Y	Y	N	NSL1	R4B
69	SINDH	KHISITE	SITE	SD/78/14/002	F	30	04-Apr-14	0	0	Y	Y	Y	Y	NSL1	R4B
70	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/019	F	18	04-May-14	0	4	Y	Y	Y	Y	NSL1	R4B
71	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/084	F	22	07-May-14	0	0	Y	Y	Y	N	NSL1	R4B
72	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/012	F	42	10-May-14	0	4	Y	Y	Y	N	NSL1	R4B
73	FATA	WAZIR-N\$	MIR ALI	FT/64/14/092	M	10	15-May-14	0	0	Y	Y	Y	N	NSL1	R4B
74	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/090	M	23	17-May-14	0	0	Y	Y	Y	N	NSL1	R4B
75	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/017	M	18	19-May-14	0	0	Y	Y	Y	N	NSL1	R4B
76	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/089	M	30	17-May-14	0	0	Y	Y	Y	N	NSL1	R4B
77	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/091	M	8	17-May-14	0	0	Y	N	N	N	NSL1	R4B
78	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/094	F	36	21-May-14	0	0	Y	N	N	N	NSL1	R4B
79	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/098	F	34	26-May-14	0	0	Y	N	Y	N	NSL1	R4B
80	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/100	F	4	30-May-14	2	2	Y	N	Y	N	NSL1	R4B
81	FATA	KHYBER\$	BARA	FT/34/14/014	M	18	27-May-14	0	0	Y	Y	Y	N	NSL1	R4B
82	FATA	KHYBER\$	BARA	FT/34/14/016	M	11	04-June-14	0	0	Y	Y	Y	N	NSL1	R4B
83	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/101	M	5	28-May-14	0	0	Y	Y	N	N	NSL1	R4B
84	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/104	M	28	03-June-14	0	1	Y	Y	Y	N	NSL1	R4B
85	SINDH	KHILANDI	LANDHI	SD/69/14/008	M	12	06-June-14	0	0	Y	Y	Y	Y	NSL1	R4B
86	KPAKHTUNKHWA	PESHAWAR	PESHAWAR	KP/30/14/062	F	4	12-June-14	0	0	Y	Y	Y	Y	NSL1	R4B

\$ Security compromised area

^Under investigation

\* Afp.rec Data as of 03-07-2014

**Table 1: List of Confirmed Polio Cases, Pakistan 2014\* (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	Asymetric Paralysis	Rapid Progression	REFUSAL	WPV TYPE	GENETICS
								Routi ne	SIA's						Cluster
87	KPAKHTUNKHWA	MARDAN	MARDAN	KP/40/14/046	M	4	15-June-14	0	0	Y	Y	Y	Y	NSL1	R4B
88	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/022	M	10	16-June-14	0	1	Y	Y	Y	N	NSL1	R4B
89	FATA	KHYBER\$	BARA	FT/34/14/021	F	12	09-June-14	0	3	Y	Y	Y	N	NSL1	
90	FATA	KHYBER\$	BARA	FT/34/14/019	F	60	16-June-14	0	0	Y	Y	Y	N	NSL1	

\$ Security compromised area

**New Case**

^Under investigation

\* Afp.rec Data as of 03-07-2014



**Table 2: LAB Update 2014\***

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
January	383	267	0	0	25	7	69	18%	17	5	366
February	368	271	0	0	35	10	42	11%	18	2	350
March	391	267	0	0	41	10	68	17%	14	2	378
April	419	277	0	0	12	3	109	26%	17	4	402
May	502	309	3	2	18	4	148	29%	16	6	481
June	341	186	94	7	3	1	43	13%	8	0	232
July	1	0	1	0	0	0	0	0%	0	0	0
Pakistan	2405	1577	98	9	134	6	479	20%	90	19	2209

\* Data as of 07-07-2014

## Table 3: Urgent / ITD Pending Cases (1/2)

Basic information									OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks	
S. #	District	Tehsil	Union council	Epid number	Date of Onset	Age (M)	Sex	Date of 1st stool	Stool Adeq	RI	S/As	Last 6 S/As	Last dose	By Field		By NSC	Lab No.	Days Inoc		Culture update
<b>Isolates pending for ITSD</b>																				
1	ZHOB	ZHOB	HASSANZAI	BN/21/14/N002		24	M	19-Jun-14	-	0	3	3	28-May-14	-	-		3014	4	L20B+	Healthy Nomadic
2	KHYBER §	#	#	FT/34/14/020	05-Jun-14	24	F	20-Jun-14	Y	#	#		20-May-14	N		*	2905	8	SL1	Waiting rRT-PCR for VDPV screening
3	KHYBER *	#	#	FT/34/14/023	23-Jun-14	14	F	27-Jun-14	Y	#	#	#		Y	#	*	3061	5	L20B+	
4	KHYBER *	#	#	FT/34/14/024	24-Jun-14	18	M	27-Jun-14	Y	#	#	#		Y	#	*	3055	5	L20B+	
5	WAZIR-N	#	#	FT/64/14/106	17-May-14	9	M	25-Jun-14	N	#	#			Y		*	2998	4	L20B+	
6	DIAMIR *	DAREL/TAN	GUMARI	GB/31/14/002	20-Jun-14	15	M	27-Jun-14	Y	0	2			N	Y	HYPOCALCAEMIA	3047	5	L20B+	REFUSAL
7	LAKKIMRWT	LAKKIMRWT	PHAR KHEL	KP/62/14/019	20-Jun-14	12	F	24-Jun-14	Y	0	7+	6	14-Jun-14	N	N	ARTHRIITIS	2969	5	L20B+	
8	MARDAN *	MARDAN	CHAKE MARDAN	KP/40/14/049-C2		3	F	30-Jun-14	-	-	-	-	27-Apr-14	N	-	-	3067	5	L20B+	
9	PESHAWAR	PESHAWAR	SHIEKH	KP/30/14/066	24-Jun-14	6	F	26-Jun-14	Y	1	0	0		Y	Y	INF NEURITIS / POLIO	2993	3	L20B+	REFUSAL
10	JHANG §	JHANG	74	PB/53/14/024	21-May-14	18	M	23-Jun-14	N	3	6	6	25-Mar-14	N	N	GBS	2923	7	SL3	Waiting rRT-PCR for VDPV screening
11	KASHMORE *	KANDHKOT	GHOUSPUR	SD/54/14/006-C1		36	M	26-Jun-14	-	-	-	-	24-Jun-14	N	-	-	3063	5	L20B+	
12	LARKANA	DOKRI	KARANI	SD/51/14/016	21-Jun-14	42	F	25-Jun-14	Y	3	7+	6	05-Jun-14	N		HEMIPLEGIA/CVA	2999	4	L20B+	
<b>Reported urgent (by field / NSC criteria)</b>																				
13	KSAIFULAH	KSAIFULLAH	MUSAFIRPUR	BN/25/14/003	18-Jun-14	24	F	21-Jun-14	Y	2	4	4	25-Mar-14	N	Y	VIRAL ENCEPHALITIS	3022	8	UP	
14	QUETTA	QUETTA SADDAR	KUCHLAK-B	BN/11/14/011	22-Jun-14	18	M	27-Jun-14	Y	0	5	0		Y	Y	POLIO	3077	5	UP	
15	DIAMIR	DAREL/TAN	GUMARI	GB/31/14/002	20-Jun-14	15	M	27-Jun-14	Y	0	2	#		N	Y	HYPOCALCAEMIA	3047	6	UP	REFUSAL
16	CHITRAL	CHITRAL	GRAN CHASMA	KP/21/14/009	22-Jun-14	17	M	25-Jun-14	Y	3	7+	6	26-Apr-14	Y	N	*	2974	10	UP	
17	MARDAN *	MARDAN	CHAKE MARDAN	KP/40/14/049	04-Jun-14	15	M	28-Jun-14	N	3	6	6	27-Apr-14	N	N	INJECTION NEURITIS	3053	6	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    UPending for genomic sequencing

## Table 3: Urgent / ITD Pending Cases (2/2)

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	S/As	Last 6 S/As	Last dose	By Field	By NSC		Lab No.	Days Inoc	Culture update	
18	KASHMORE *	KANDHKOT	GHOUSPUR	SD/54/14/006	21-Mar-14	60	M	21-Apr-14	N	0	7+	6	10-Mar-14	N	N		1750		NO VIRUS ISOLATED	
19	KHIGADAP	GADAP	4	SD/63/14/021	18-Jun-14	12	M	25-Jun-14	Y	0	0	0		Y	Y	POLIO?	3024	6	UP	
20	KHIGADAP	GADAP	8	SD/63/14/022	21-Jun-14	21	M		Y	0	5	1	12-May-14	Y	Y	POLIO / TRAUMATIC NEURITIS			Stool shipment under process	

\* 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

UPending for genomic sequencing



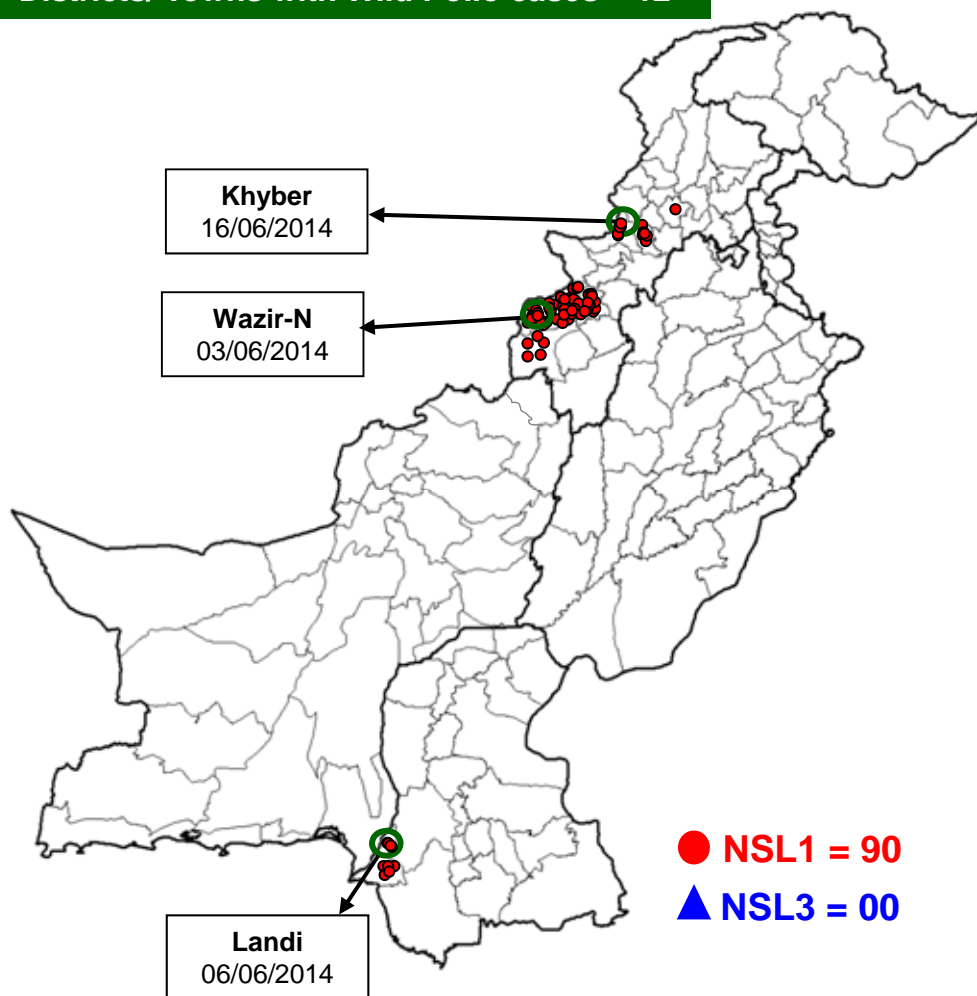
## Comparison environmental sampling results 2013-14

DISTRICT	2013			2014			Last
	TOTAL	WILD		TOTAL	WILD		
	n	n	%	n	n	%	
LAHORE	30	0	0%	27	9	31%	12-Jun-14
MULTAN	18	0	0%	15	0	0%	09-Dec-13
RAWALPINDI	6	1	17%	8	2	25%	21-May-14
FAISALABAD	18	1	6%	16	0	0%	03-Jan-13
KHIGIQBAL	12	0	0%	11	9	82%	20-May-14
KHIGADAP	16	4	25%	15	9	60%	15-May-14
KHIBALDIA	12	0	0%	10	6	60%	08-May-14
SUKKUR	12	0	0%	12	2	9%	06-May-14
HYDERABAD	6	5	83%	6	3	50%	06-Jun-14
PESHAWAR	12	9	75%	15	8	53%	10-Apr-14
QUETTA	17	1	6%	15	4	27%	28-May-14
<b>PAKISTAN</b>	<b>159</b>	<b>21</b>	<b>13%</b>	<b>150</b>	<b>52</b>	<b>34%</b>	<b>12-Jun-14</b>

*Data source Polio RRL*

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

Districts/ Towns with Wild Polio cases = 12



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	Dec, 2013	Jun, 2010	-	-
SINDH	June, 2014	Jan, 2010	7	-
KHYBER- PAKHTUNKHWA	June, 2014	Oct, 2010	15	-
FATA	June, 2014	Apr, 2012	68	-
BALUCHISTAN	Oct, 2012	Apr, 2010	-	-
AJK	June, 2000	Jun, 2000	-	-
GILGIT-BALTISTAN	Aug, 2012	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
<b>PAKISTAN</b>	<b>June, 2014</b>	<b>Apr, 2012</b>	<b>90</b>	<b>-</b>

○ District with last polio case in province

Cases randomly placed  
in districts

— Provincial Boundary  
— Districts Boundary

\* Afp.rec Data as of 03-07-2014

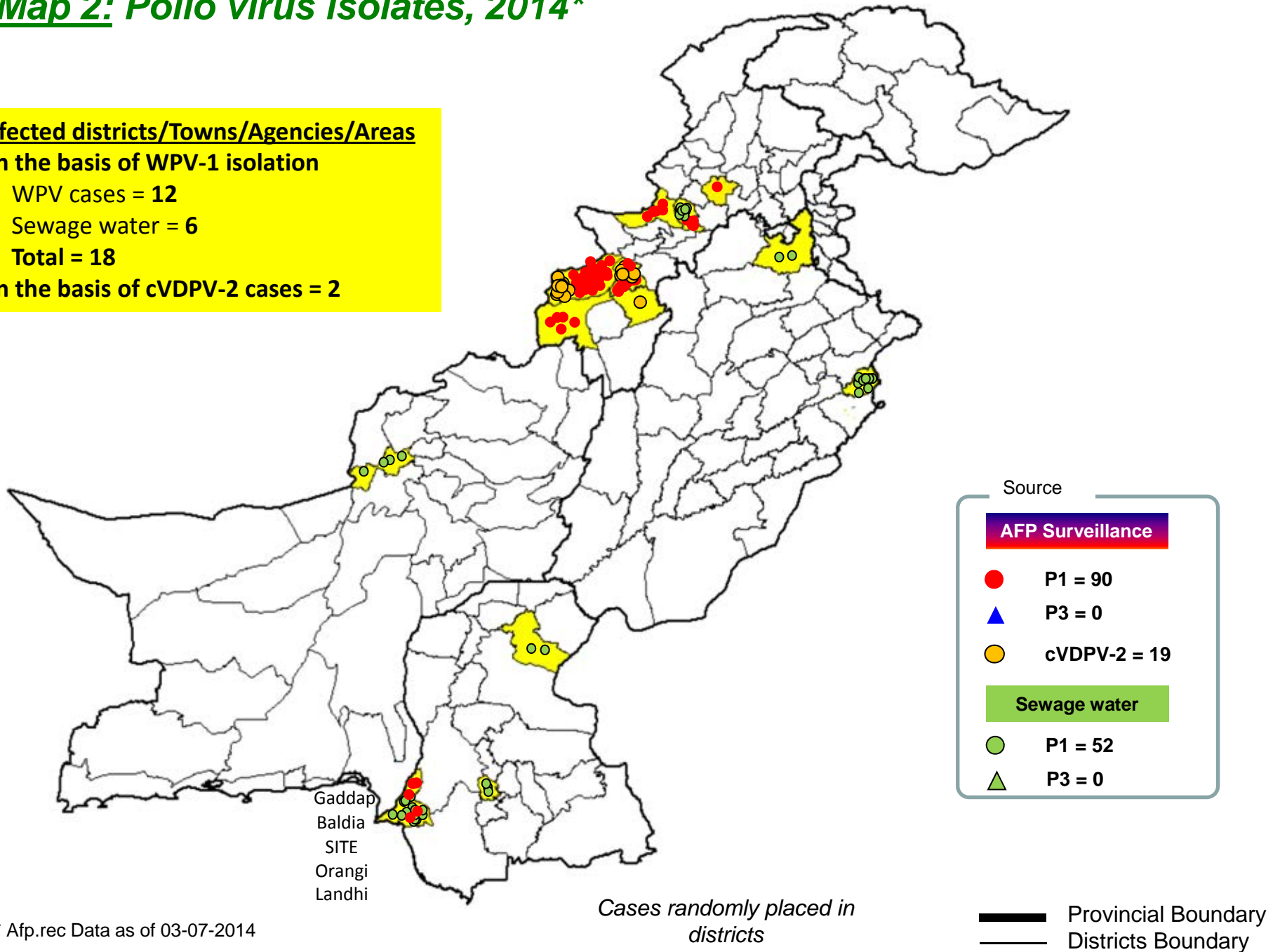
## Map 2: Polio virus isolates, 2014\*

### Infected districts/Towns/Agencies/Areas

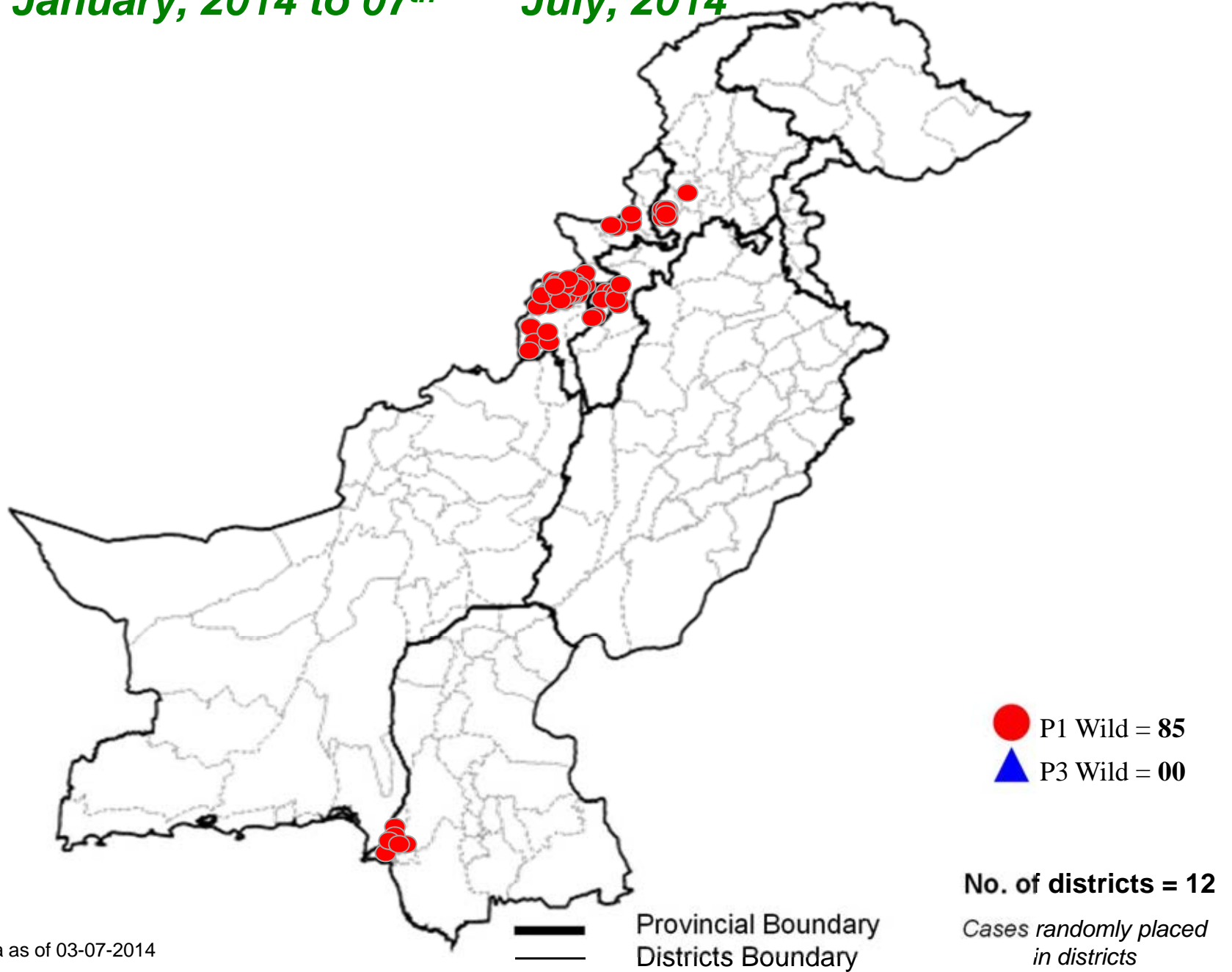
#### On the basis of WPV-1 isolation

- WPV cases = 12
- Sewage water = 6
- Total = 18

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



**Map 3: Wild Polio cases in the last 6 months from**  
**08<sup>th</sup> January, 2014 to 07<sup>th</sup> July, 2014\***



\* Afp.rec Data as of 03-07-2014



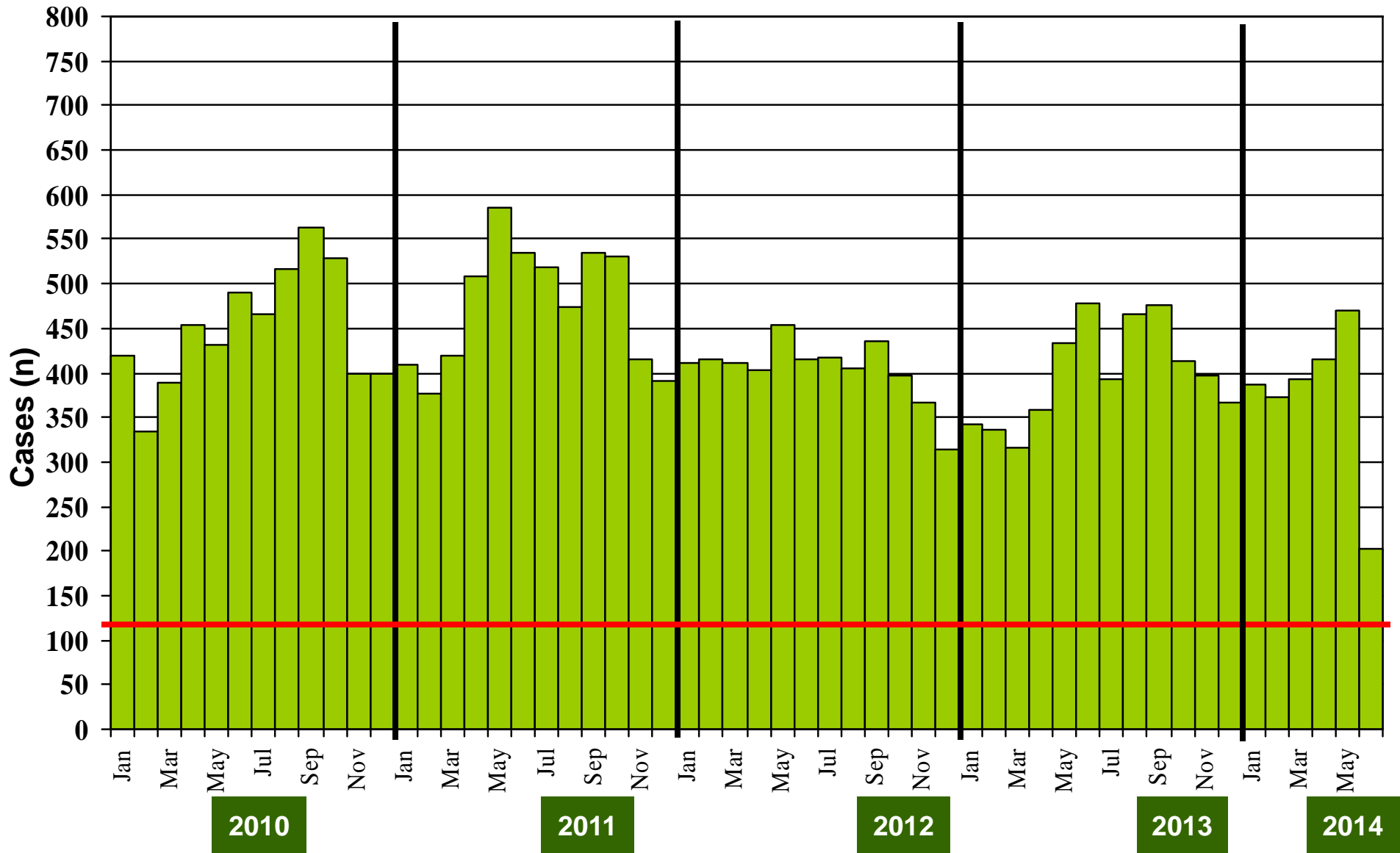
**Table 4: Distribution of AFP Cases By Week of Onset ^  
Pakistan 2013-14\* [Week number/Ending on]**

PROVINCE	W 12 22 Mar 2014	W 13 29 Mar 2014	W 14 05 Apr 2014	W 15 12 Apr 2014	W 16 19 Apr 2014	W 17 26 Apr 2014	W 18 03 May 2014	W 19 10 May 2014	W 20 17 May 2014	W 21 24 May 2014	W 22 31 May 2014	W 23 07 June 2014	W 24 14 June 2014	W 25 21 June 2014	W 26 28 June 2014
PUNJAB	51	40	36	32	61	55	54	66	58	58	59	54	61	42	17
SINDH	26	27	25	24	21	19	22	17	29	15	10	18	19	15	5
KP	20	17	16	15	24	24	23	15	14	24	19	18	10	17	7
FATA	7	7	6	8	5	8	9	8	11	6	9	6	4	1	0
BALUCHISTAN	2	4	1	1	1	6	5	6	2	6	2	5	4	3	2
AJK	0	0	0	0	0	0	0	0	1	2	2	0	1	1	1
GILGIT BILTISTAN	0	0	0	0	2	0	0	0	0	1	1	0	0	1	0
ISLAMABAD	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
<b>PAKISTAN</b>	<b>106</b>	<b>95</b>	<b>84</b>	<b>80</b>	<b>114</b>	<b>113</b>	<b>113</b>	<b>112</b>	<b>115</b>	<b>113</b>	<b>102</b>	<b>101</b>	<b>99</b>	<b>80</b>	<b>32</b>

\* Afp.rec & Afplab.rec: Data as of 03-07-2014

^ MMWR Epidemiological Weeks

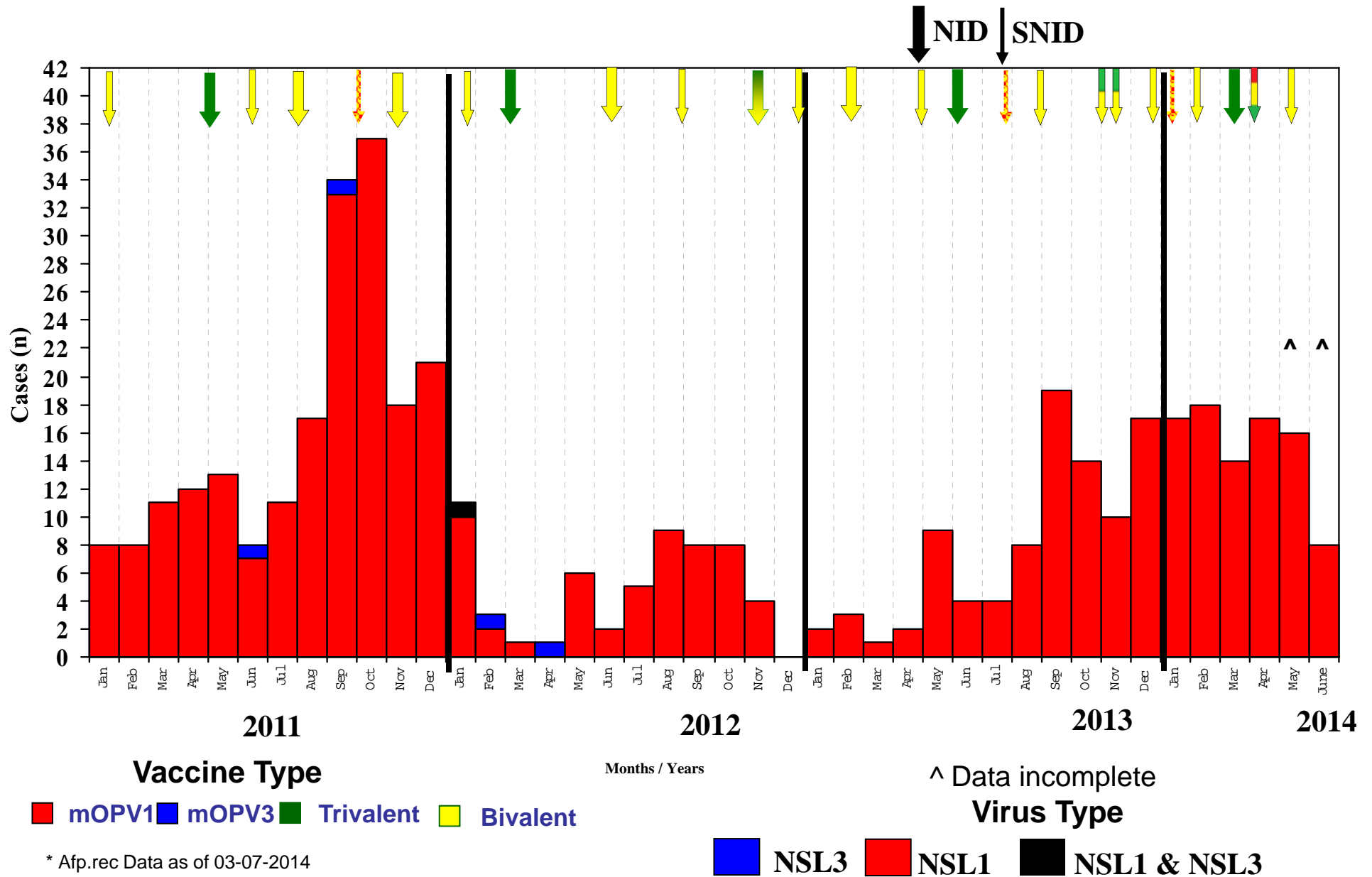
**Graph 1: Distribution of AFP Cases by Month, Pakistan 2010-2014\***



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

\* Afp.rec Data as of 03-07-2014

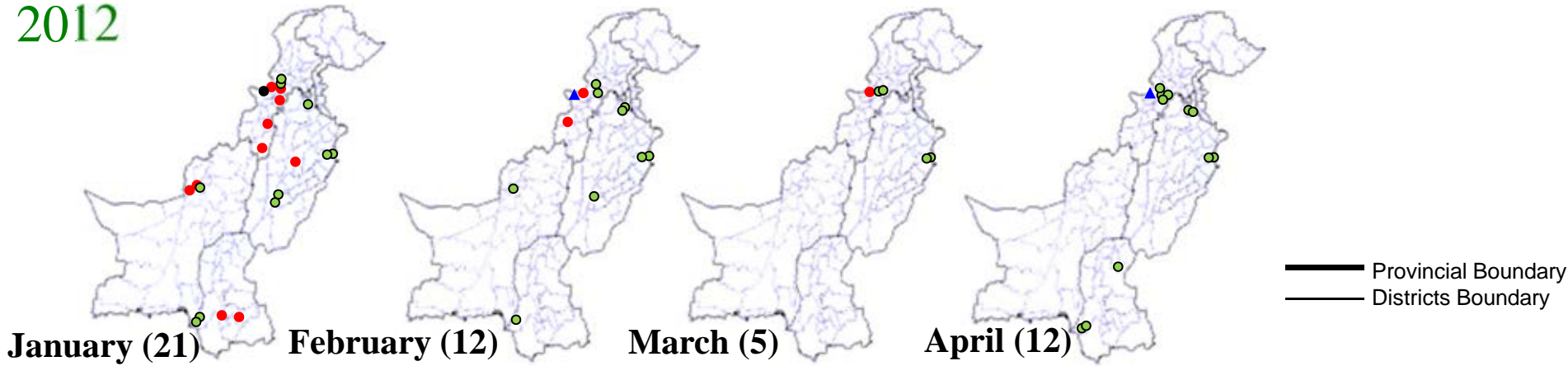
# Confirmed Polio Cases By Poliovirus Type, 2011-2014\*



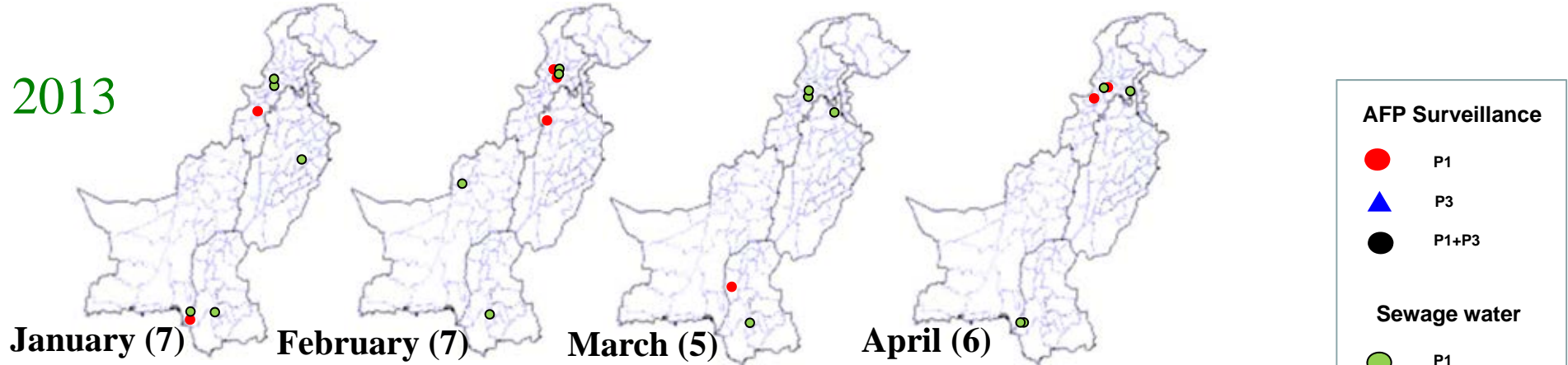
\* Afp.rec Data as of 03-07-2014

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

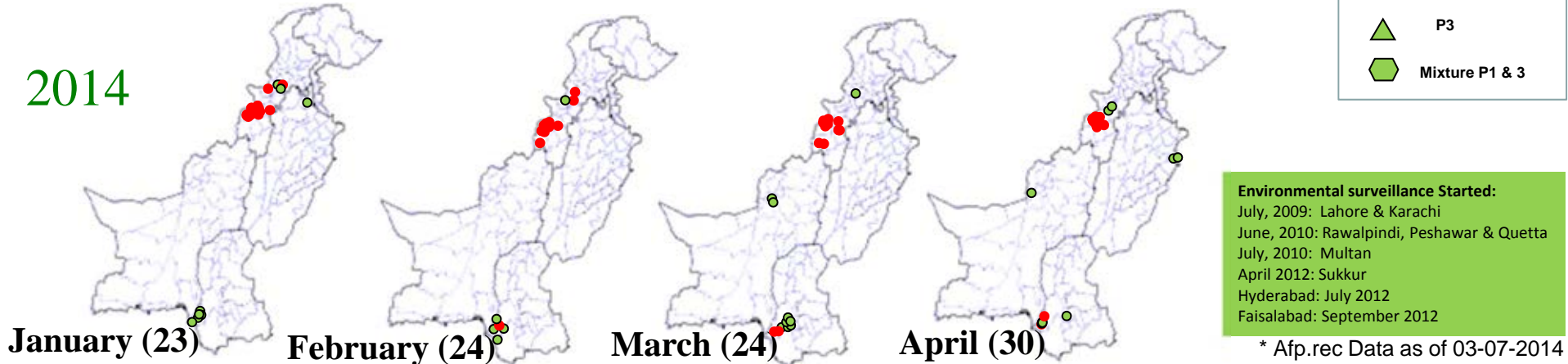
2012



2013



2014



**AFP Surveillance**

- P1
- ▲ P3
- P1+P3

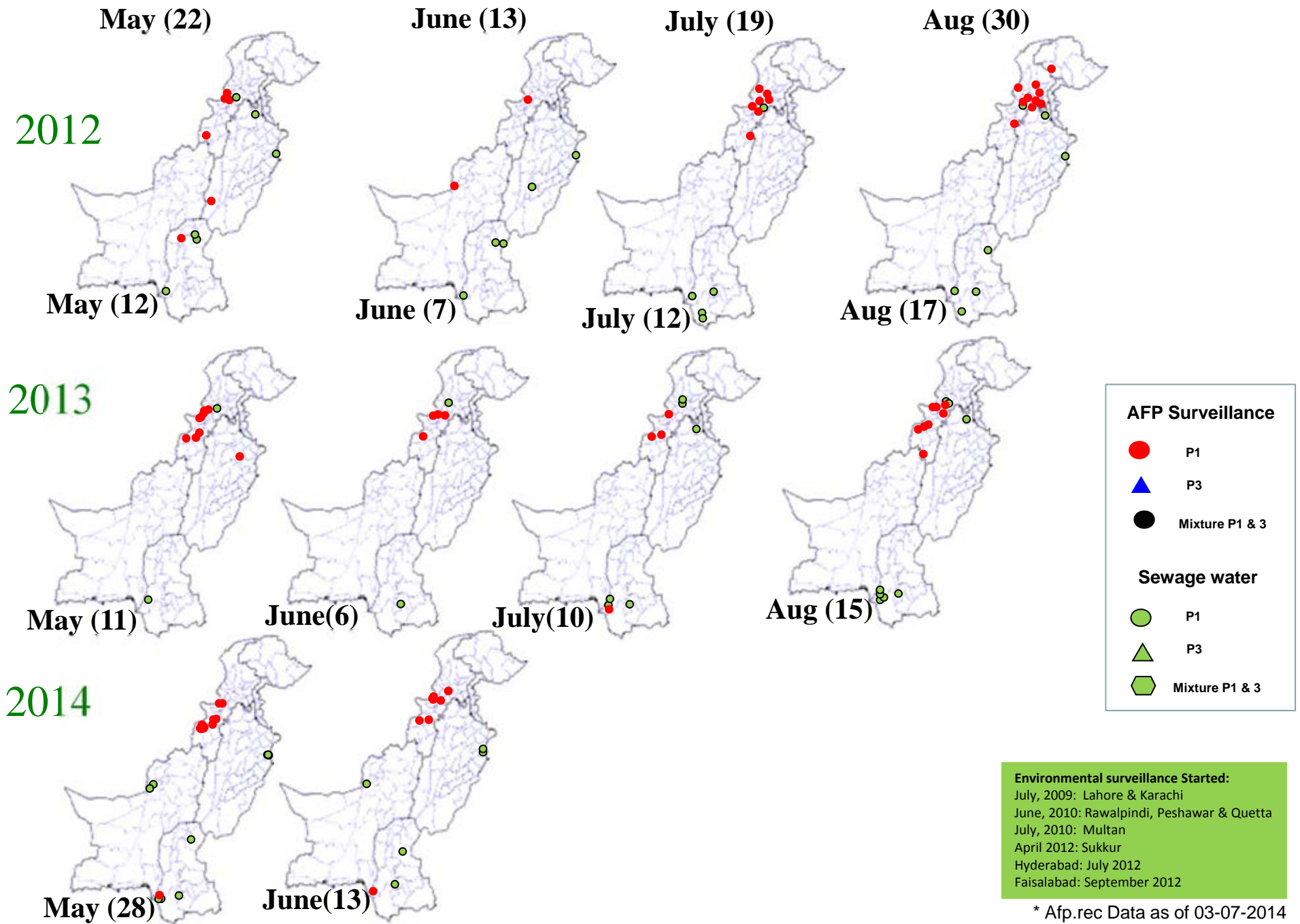
**Sewage water**

- 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

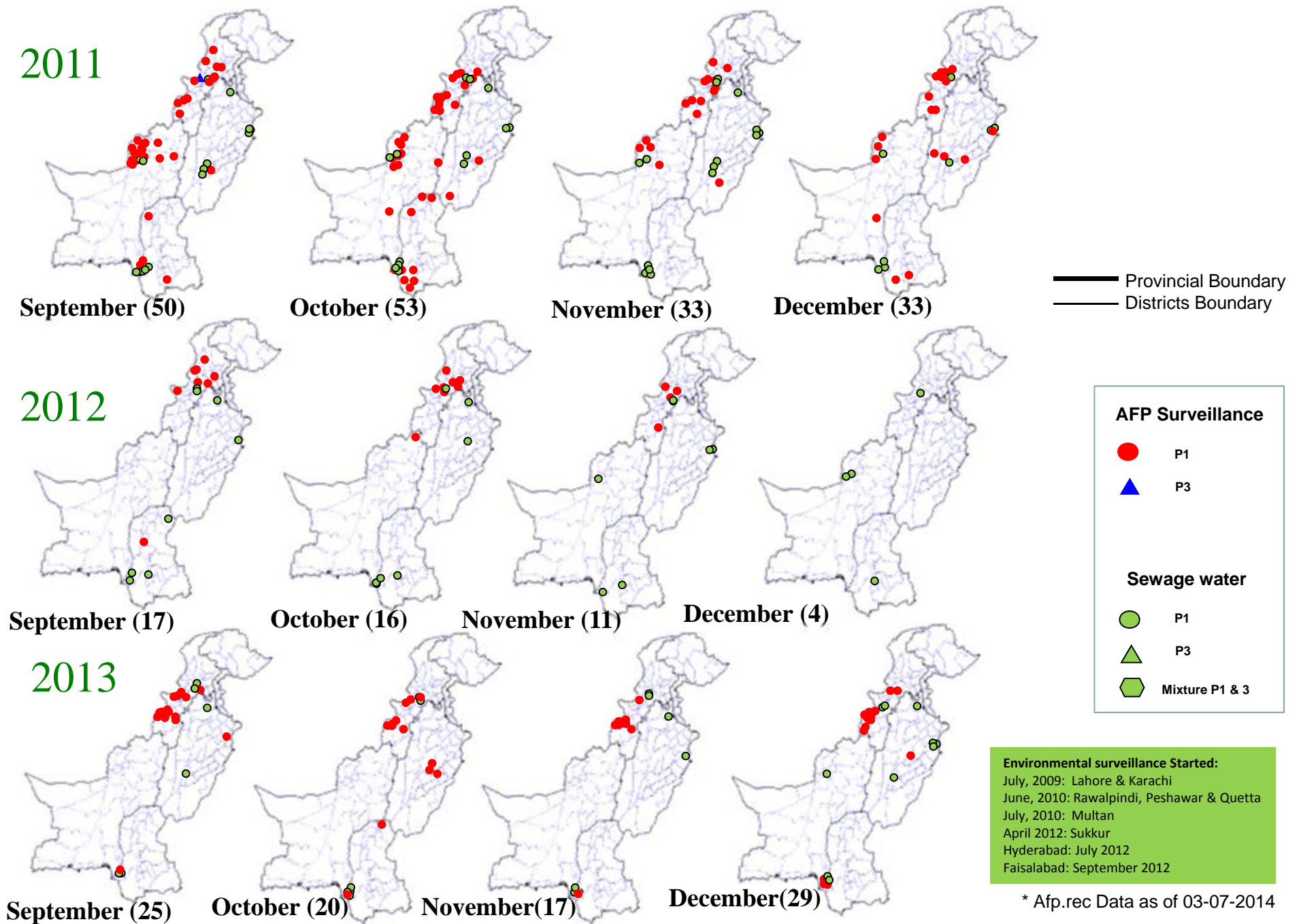
\* Afp.rec Data as of 03-07-2014

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



\* Afp.rec Data as of 03-07-2014

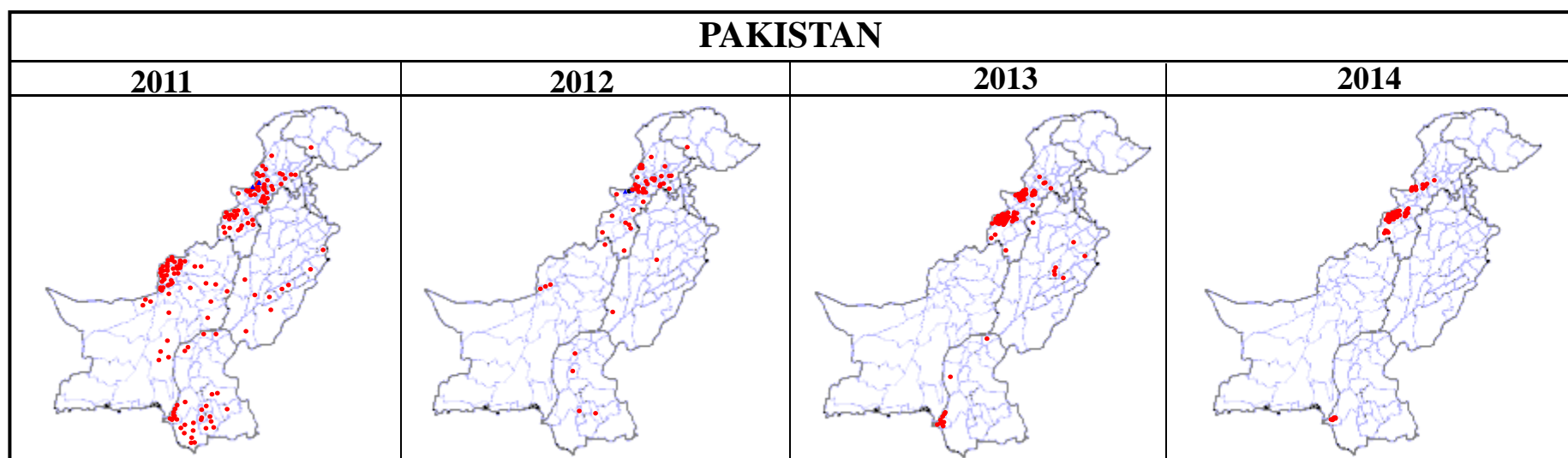
# Map 4.2: Monthly Comparison of P1 & P3 Polio Cases/Isolates 2011-2013\*



## 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	10	7	0	-	-	-	33	4	10	7
KP	23	27	11	12	0	-	-	-	23	27	11	12
FATA^	57	17	65	68	2	2	-	-	59	20^	65	68
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>93</b>	<b>90</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>198</b>	<b>58</b>	<b>93</b>	<b>90</b>

^ FATA reported mixture of NSL1 & NSL3



\* Afp.rec Data as of 03-07-2014

***Table 6: Vaccination status of non polio AFP cases age 6-59 months 2011-2014\****

REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14
Central Punjab	0%	0%	0%	0%	1%	0%	0%	0%	2%	0%	1%	2%	6%	4%	7%	3%	92%	95%	91%	95%
North Punjab	0%	0%	0%	0%	1%	0%	0%	1%	1%	0%	0%	1%	5%	4%	4%	4%	93%	96%	96%	94%
South Punjab	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	5%	4%	5%	1%	93%	96%	94%	98%
<b>PUNJAB</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>5%</b>	<b>4%</b>	<b>6%</b>	<b>2%</b>	<b>93%</b>	<b>96%</b>	<b>93%</b>	<b>96%</b>
Karachi	4%	1%	1%	8%	1%	1%	5%	3%	0%	2%	0%	3%	6%	6%	6%	2%	86%	90%	88%	84%
North Sindh	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	0%	5%	4%	5%	5%	94%	94%	95%	95%
South Sindh	1%	0%	0%	0%	1%	1%	0%	1%	0%	2%	1%	0%	6%	4%	7%	7%	96%	93%	91%	92%
<b>SINDH</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>6%</b>	<b>4%</b>	<b>5%</b>	<b>5%</b>	<b>92%</b>	<b>93%</b>	<b>92%</b>	<b>91%</b>
Central Khyber Pakhtunkhwa	1%	2%	2%	1%	1%	1%	1%	1%	0%	0%	1%	1%	3%	2%	2%	4%	95%	95%	95%	92%
North Khyber Pakhtunkhwa	1%	2%	1%	3%	2%	2%	1%	1%	1%	2%	1%	1%	7%	9%	7%	8%	90%	85%	91%	86%
South Khyber Pakhtunkhwa	2%	2%	1%	0%	4%	1%	0%	2%	4%	1%	1%	0%	7%	9%	4%	2%	83%	87%	95%	96%
<b>Khyber Pakhtunkhwa</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>5%</b>	<b>6%</b>	<b>4%</b>	<b>5%</b>	<b>91%</b>	<b>89%</b>	<b>94%</b>	<b>91%</b>
<b>FATA</b>	<b>14%</b>	<b>18%</b>	<b>39%</b>	<b>51%</b>	<b>10%</b>	<b>6%</b>	<b>6%</b>	<b>8%</b>	<b>5%</b>	<b>3%</b>	<b>6%</b>	<b>4%</b>	<b>11%</b>	<b>12%</b>	<b>6%</b>	<b>1%</b>	<b>61%</b>	<b>62%</b>	<b>43%</b>	<b>36%</b>
North Balochistan	4%	12%	9%	4%	12%	10%	11%	4%	23%	3%	3%	11%	12%	17%	28%	11%	50%	57%	49%	70%
Quetta Block	31%	14%	8%	0%	10%	10%	8%	0%	3%	0%	0%	0%	14%	14%	9%	0%	43%	62%	64%	100%
Rest of Balochistan	7%	9%	5%	0%	2%	6%	3%	6%	5%	5%	5%	0%	10%	10%	25%	24%	76%	70%	60%	71%
<b>BALUCHISTAN</b>	<b>16%</b>	<b>8%</b>	<b>6%</b>	<b>2%</b>	<b>6%</b>	<b>8%</b>	<b>6%</b>	<b>3%</b>	<b>6%</b>	<b>3%</b>	<b>4%</b>	<b>5%</b>	<b>12%</b>	<b>17%</b>	<b>20%</b>	<b>11%</b>	<b>60%</b>	<b>64%</b>	<b>64%</b>	<b>80%</b>
<b>PAKISTAN</b>	<b>2%</b>	<b>1%</b>	<b>3%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>3%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>5%</b>	<b>6%</b>	<b>5%</b>	<b>6%</b>	<b>10%</b>	<b>89%</b>	<b>92%</b>	<b>89%</b>	<b>80%</b>

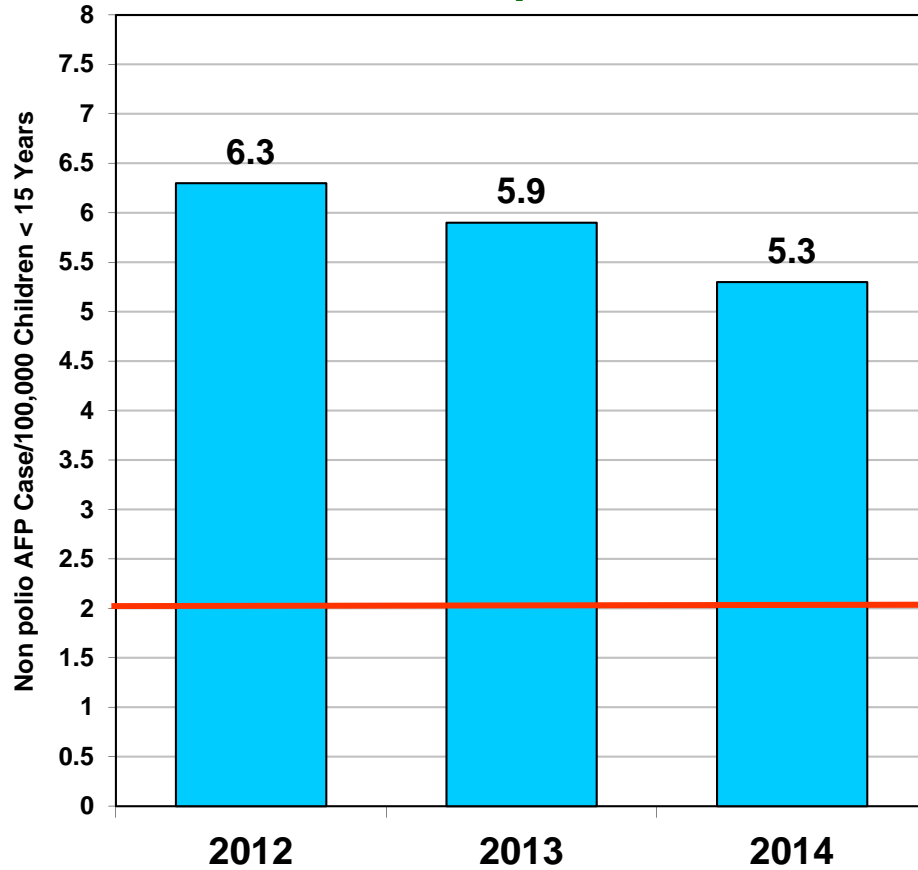
\* Afp.rec Data as of 03-07-2014



# Key Surveillance Indicators; 2012-2014\*

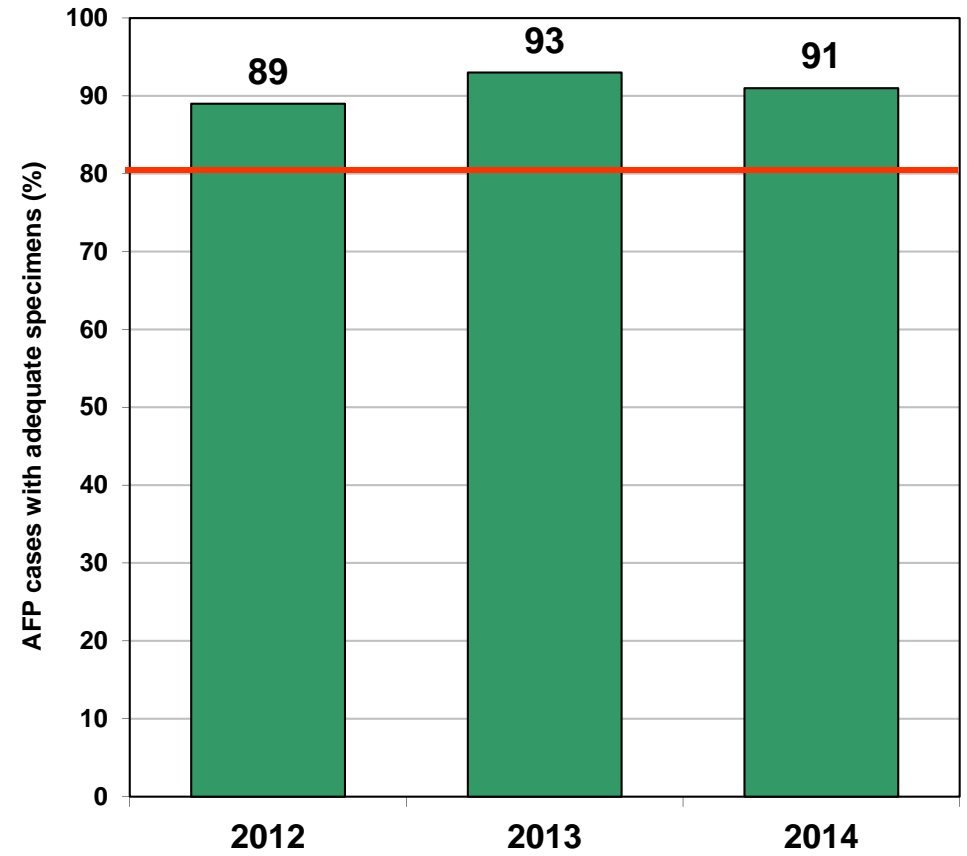
(Non polio AFP rate and % AFP cases with adequate specimens)

**Graph 3**



■ Non Polio AFP Rate

**Graph 4**



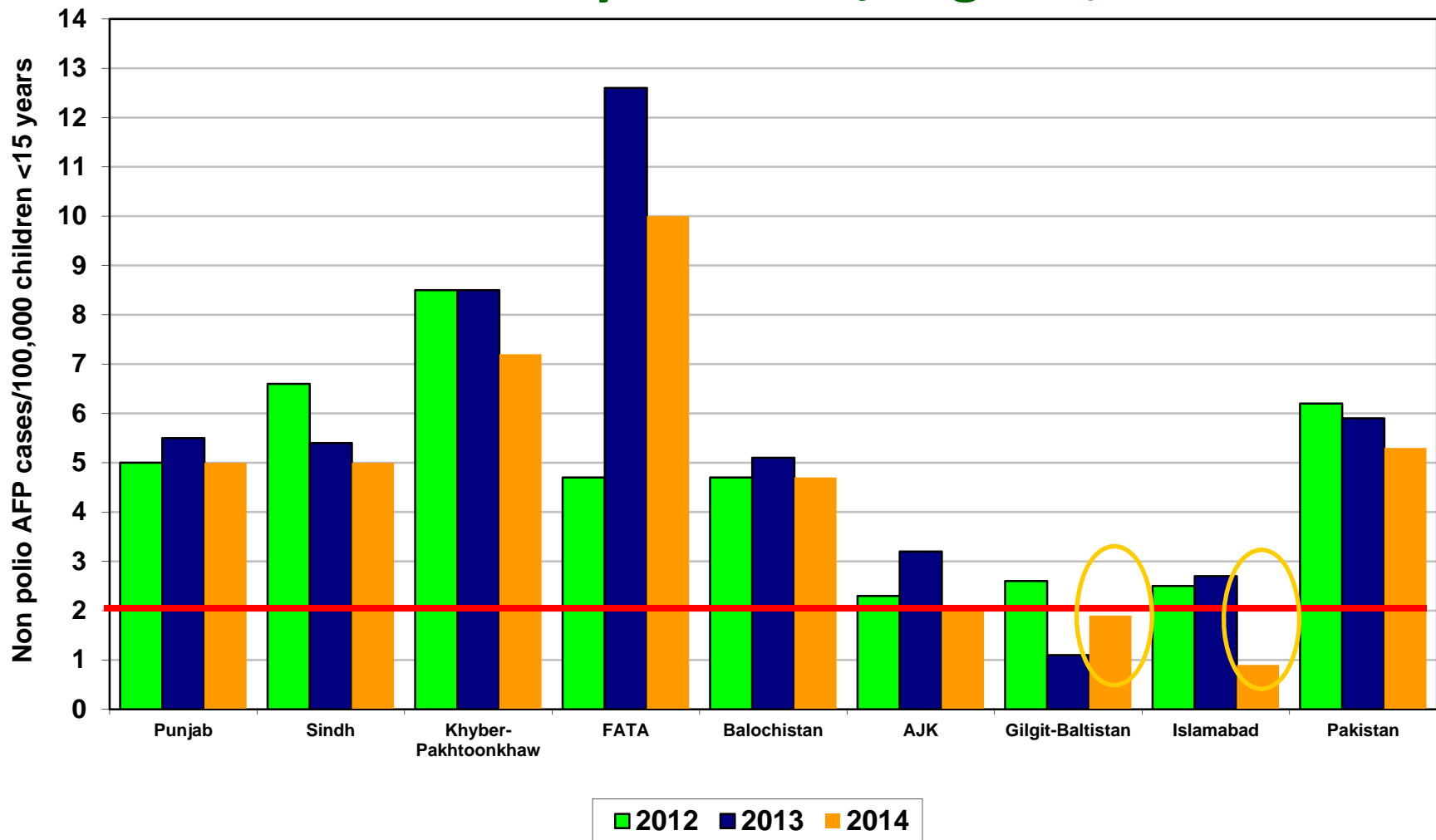
■ % AFP with Adequate Specimens

Non Polio AFP rate Up to Week No. 26 ended on 28<sup>th</sup> June, 2014

— Target

\* Afp.rec Data as of 03-07-2014

# Non Polio AFP Rate By Province/Regions, 2012-2014\*

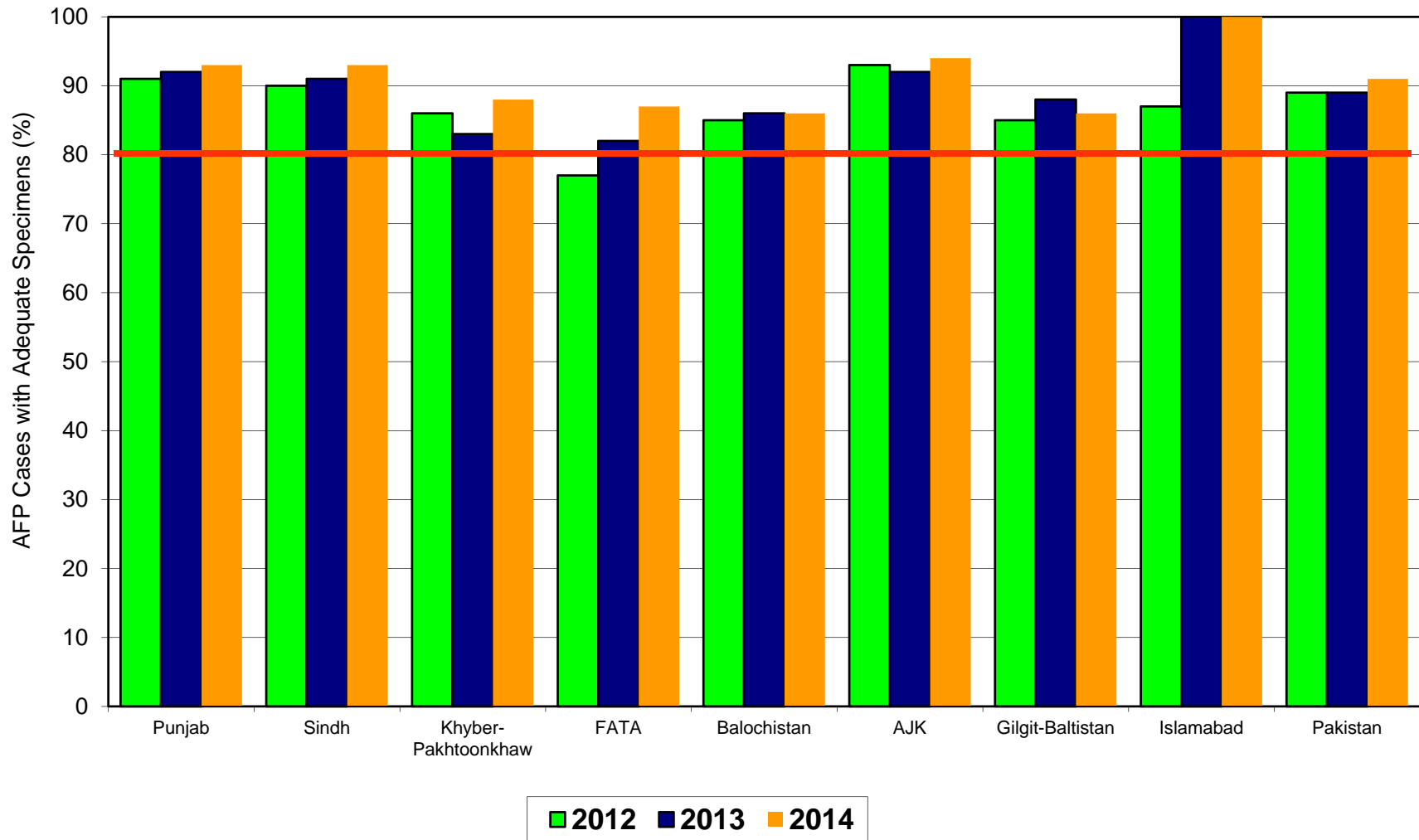


Non Polio AFP rate Up to Week No. 26 ended on 28<sup>th</sup> June, 2014

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

\* Afp.rec Data as of 03-07-2014

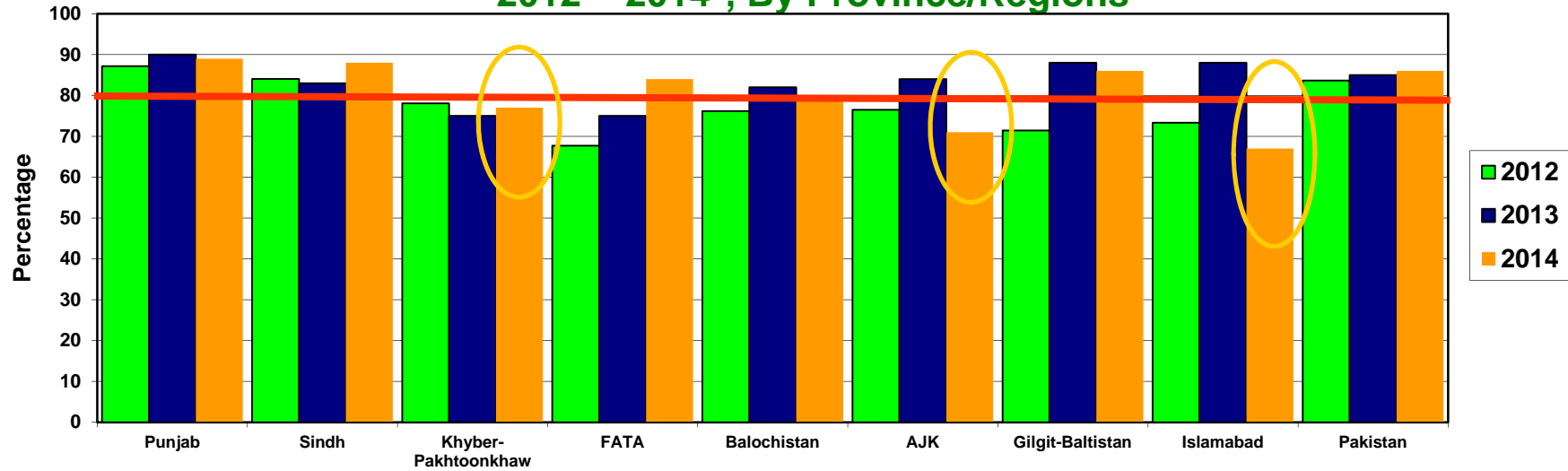
# Percent AFP Cases with Adequate Specimens By Province/Regions, 2012-2014\*



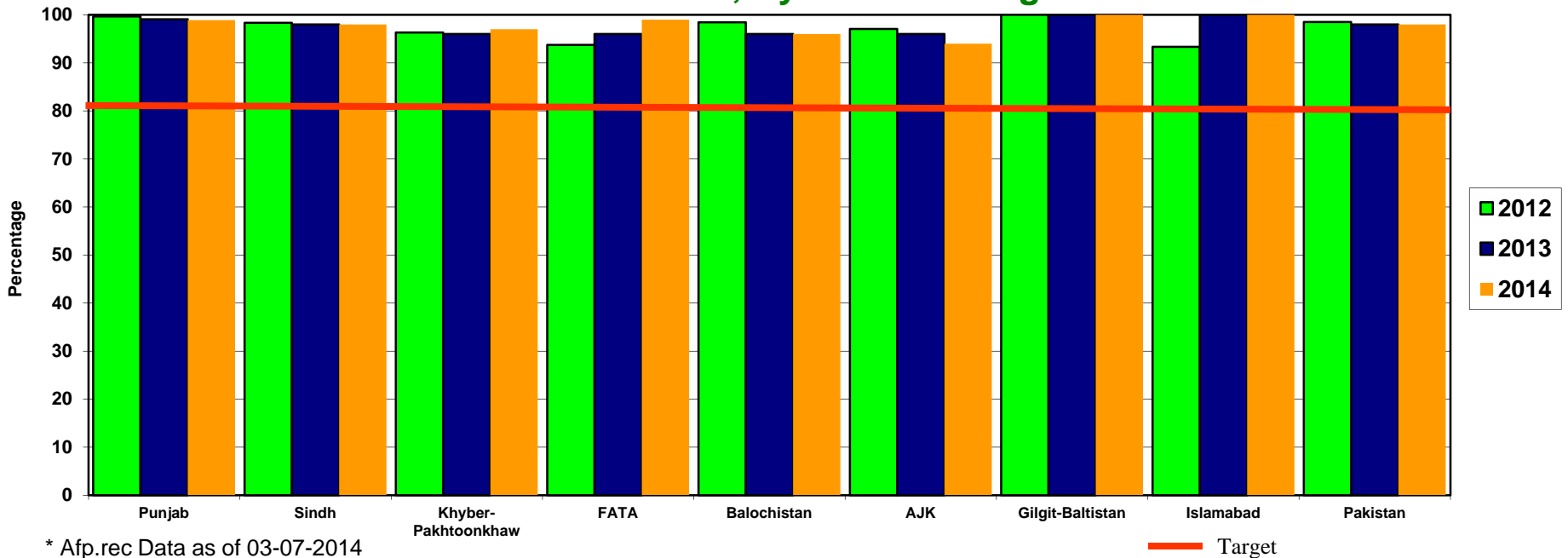
\* Afp.rec Data as of 03-07-2014

 Target Adequate Sample cases = 80%

**Graph 5: Percent AFP Cases Notified within 07 days of paralysis onset  
2012 ~ 2014\*, By Province/Regions**



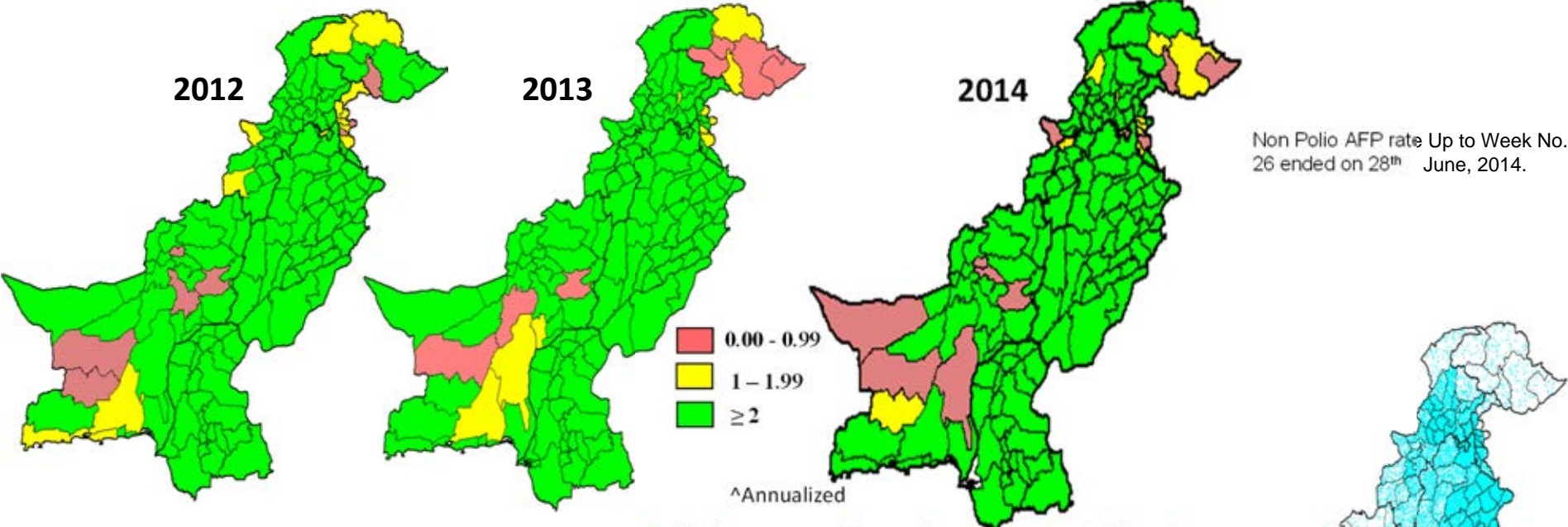
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification  
2012 ~ 2014\*, By Province/Regions**



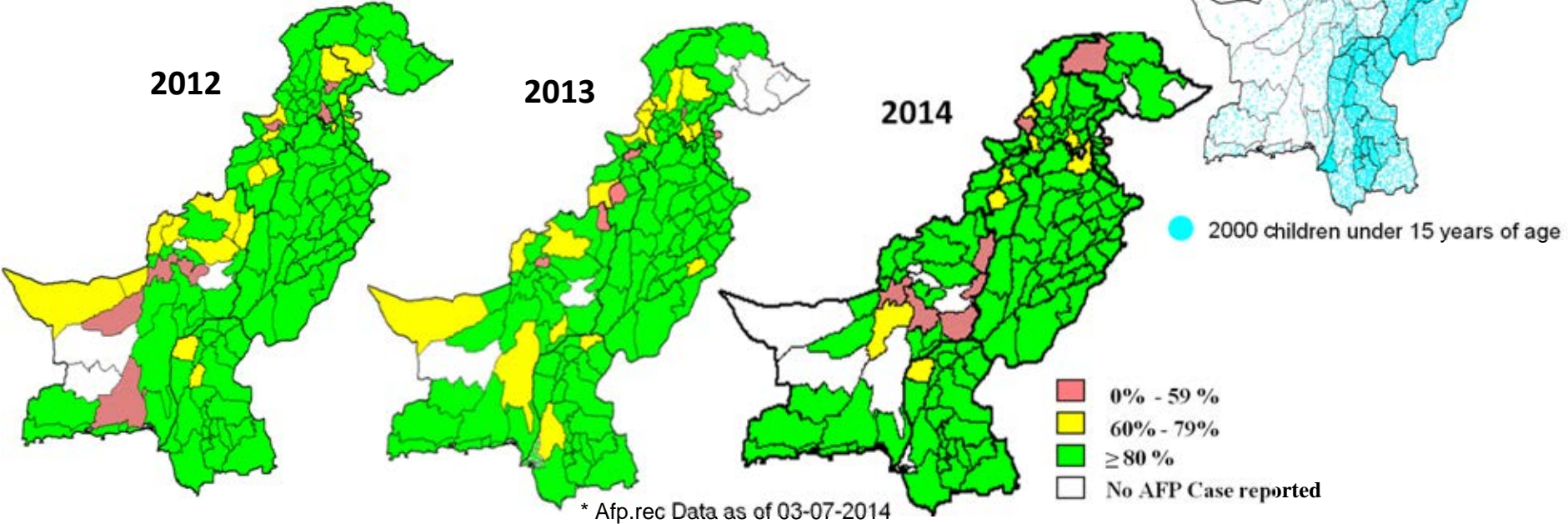
\* Afp.rec Data as of 03-07-2014

— Target

### Non-Polio^ AFP Rate by District



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



\* Afp.rec Data as of 03-07-2014

**Table 7.1: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS\* 2014 (1/1)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
1	DGKHAN	DGKHAN	PB/81/14/029	M	18	3/17/2014	7+	3/19/2014		NVI	Y	N	Y	DIED	108
2	FAISALABAD	FAISALABAD CITY	PB/51/14/029	M	66	3/15/2014	7+	4/30/2014	5/1/2014	NVI	Y	N	Y	Y	110
3	GUJRANWALA	KAMOKE	PB/21/14/032	M	22	3/8/2014	7+	4/30/2014	5/1/2014	NVI	Y	Y	Y	Y	117
4	KHANEWAL	JAHANIAN	PB/62/14/019	F	146	3/29/2014	7+	4/17/2014	4/18/2014	NVI	N	N	Y		96
5	KHANEWAL	KHANEWAL	PB/62/14/027	F	41	3/4/2014	7+	Late Notified			N	Y	UK		121
6	MUZFARGARH	JATOI	PB/83/14/015	M	3	3/11/2014	3	3/25/2014	3/26/2014	VACC	Y	Y	Y	Y	114
7	MUZFARGARH	JATOI	PB/83/14/023	M	7	3/12/2014	7+	4/25/2014	4/26/2014	NVI	Y	Y	UK	Y	113
8	RAJANPUR	JAMPUR	PB/82/14/006	F	18	2/23/2014	7+	Late Notified			Y	N	Y	Y	130
9	RAJANPUR	ROJHAN	PB/82/14/021	M	24	3/12/2014	7+	4/4/2014	4/5/2014	EV	Y	Y	Y	Y	113
10	RAWALPINDI	RAWALPINDI	PB/11/14/004	M	10	1/26/2014	7+	2/12/2014		NVI	Y	Y	Y	Y	158
11	VEHARI	MAILSI	PB/63/14/024	F	81	2/25/2014	7+	Late Notified			Y	Y	Y		128
12	JACOBABAD	JACOBABAD	SD/53/14/005	M	48	3/20/2014	7+	4/4/2014	4/6/2014	NVI	Y	Y	Y	Y	105
13	KAMBAR	KAMBAR	SD/55/14/008	M	60	3/28/2014	7+	Late Notified			Y	Y	Y	Y	97
14	KAMBAR	KAMBAR	SD/55/14/009	M	120	3/29/2014	7+	4/2/2014		NVI	Y	Y	Y	Y	96
15	KASHMORE	KANDHKOT	SD/54/14/006	M	60	3/21/2014	7+	4/21/2014	4/22/2014	NVI	N	N	Y		104
16	KHAIRPUR	KHAIRPUR	SD/43/14/003	F	72	1/28/2014	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	156
17	KHIGADAP	GADAP	SD/63/14/004	M	10	1/5/2014	0	3/5/2014	3/6/2014	EV	Y	Y	Y	Y	179
18	KHIGQBAL	G-IQBAL	SD/65/14/006	M	17	3/1/2014	7+	4/7/2014	4/8/2014	NVI	Y	Y	Y	Y	124
19	KHIKORANGI	KORANGI	SD/68/14/001	M	23	1/5/2014	7+	Child Died Before Stool Collection			N	N	N	DIED	179
20	UMERKOT	SAMARO	SD/34/14/002	F	24	1/14/2014	7+	Child Died Before Stool Collection			Y	N	Y	DIED	170
21	BATAGRAM	BATAGRAM	KP/11/14/006	M	120	3/1/2014	7+	4/5/2014	4/6/2014	NVI	Y	Y	Y		124
22	CHITRAL	CHITRAL	KP/21/14/001	M	48	1/22/2014	7+	1/31/2014		NVI	Y	N	Y	DIED	162
23	KOHAT	KOHAT	KP/50/14/011	F	17	3/5/2014	7+	Late Notified			Y	N	Y		120
24	KOHISTAN	DASSU	KP/13/14/005	M	34	3/22/2014	3	4/4/2014	4/6/2014	NVI	Y	Y	Y		103
25	PESHAWAR	PESHAWAR	KP/30/14/027	F	18	3/12/2014	7+	4/1/2014	4/2/2014	VACC	Y	Y	Y	Y	113
26	PESHAWAR	PESHAWAR	KP/30/14/039	M	48	3/26/2014	7+	4/19/2014	4/20/2014		Y	Y	Y	Y	99
27	TANK	TANK	KP/63/14/002	M	18	2/5/2014	7+	3/6/2014	3/8/2014	EV	Y	N	UK		148
28	BARKHAN	BARKHAN	BN/23/14/001	M	36	1/19/2014	3	1/30/2014		NVI	Y	Y	UK	DIED	165
29	DBUGTI	DERA BUGTI	BN/35/14/001	M	33	1/20/2014	7+	2/22/2014	2/23/2014	NVI	Y	Y	Y		164
30	JAFARABAD	JHAT PAT	BN/43/14/005	F	14	2/5/2014	7+	2/19/2014	2/21/2014	NVI	Y	Y	Y	Y	148
31	KALAT	KALAT	BN/53/14/001	M	120	2/1/2014	7+	3/1/2014	3/4/2014	NVI	N	Y	Y	Y	152
32	SIBI	LEHRI	BN/31/14/004	F	35	2/28/2014	3	3/26/2014	3/27/2014	NVI	Y	Y	N	Y	125
33	HAVELI	HAVELI	AJ/51/14/002	F	120	2/16/2014	3	4/17/2014	4/19/2014	NVI	Y	N	Y	Y	137
34	FR BANNU	FR BANNU	FT/69/14/011	M	8	2/3/2014	0	2/20/2014	2/21/2014	NVI	Y	Y	Y		150
35	FR BANNU	FR BANNU	FT/69/14/020	M	21	2/17/2014	0	Late Notified			Y	Y	Y	Y	136
36	WAZIR-N	MIRAN SHAH	FT/64/14/044	M	12	1/27/2014	0	3/2/2014	3/3/2014	VACC	Y	Y	Y		157
37	WAZIR-N	MIRAN SHAH	FT/64/14/052	M	8	3/1/2014	0	3/13/2014		NVI	Y	Y	Y		124

€ Based on recall of parents

\* Afp.rec Data as of 03-07-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.