



**World Health
Organization**

Weekly AFP Surveillance Update Pakistan

Week 30 (*Ended on 26th July, 2014*)

***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

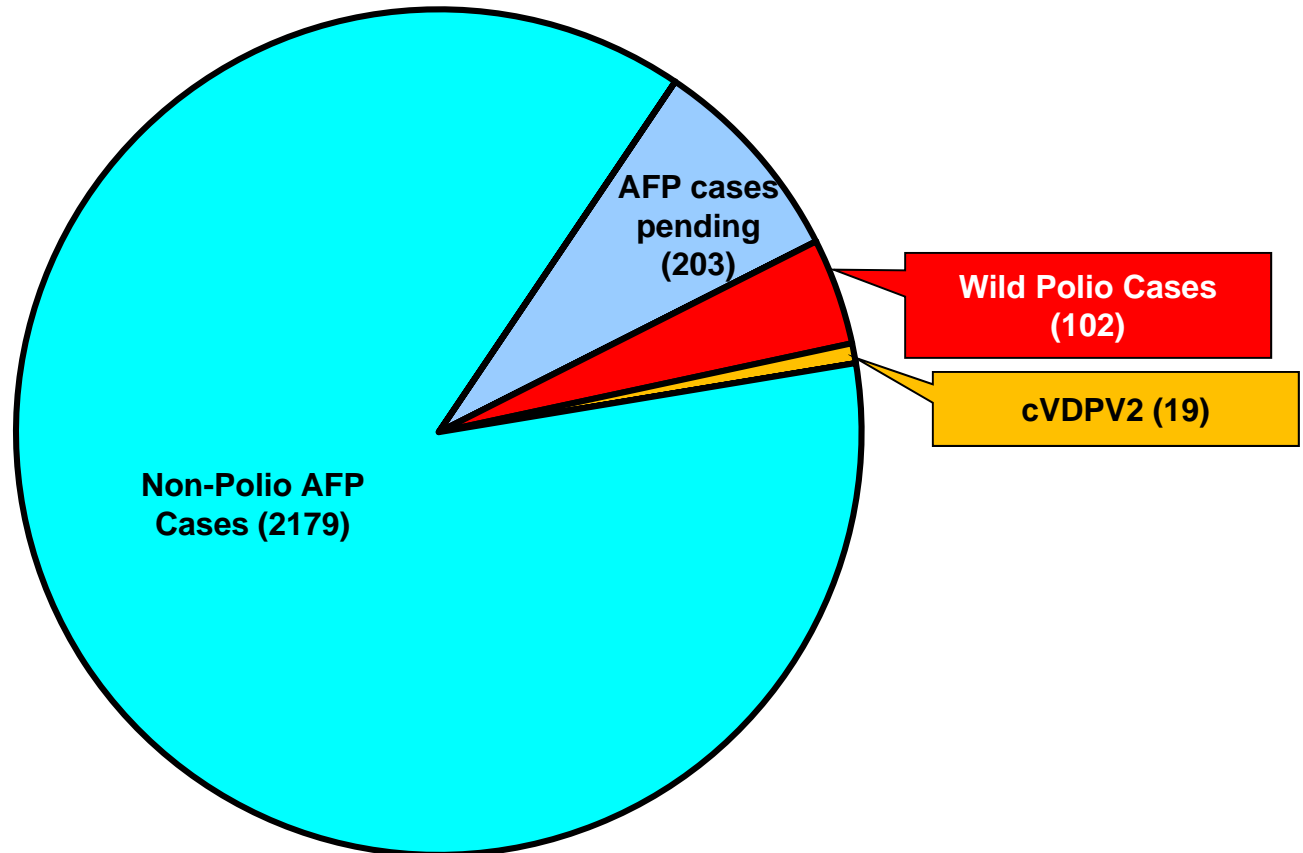
Email: epidata@pak.emro.who.int

Web site: www.who.gov.pk

AFP Surveillance



AFP Case Profile, 2014*



Total AFP Cases Reported = 2503

**^49 Inadequate cases pending classification by ERC;
^80 Inadequate cases not due for FUP
^74 Pending in the Lab**

* Afp.rec Data as of 23-07-2014

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	17	4	4	24-June -14
FATA / FR Areas	15	75	3	4	09-July -14
Sindh	3	9	3	6	24-June-14
Balochistan	0	1	0	1	02-July-14
Punjab	2	0	2	0	12-Dec-13
Pakistan	25	102	12	15	09-Jul-14

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

* Afp.rec Data as of 23-07-2014

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	Asymetric 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 23-07-2014

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	W/PV 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 23-07-2014

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	WPV 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 23-07-2014

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	W/PV 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\$	JAMRUD	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 23-07-2014

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	W/PV TYPE	GENETICS
								Route	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	R4B
90	FATA	KHYBER\$	BARA	FT/34/14/019	F	60	16-June-14	0	0	Y	Y	Y	N	NSL1	R4B
91	FATA	KHYBER\$	BARA	FT/34/14/024	M	18	24-June-14	0	0	Y	Y	Y	N	NSL1	R4B
92	FATA	KHYBER\$	BARA	FT/34/14/023	F	14	23-June-14	0	0	Y	Y	Y	N	NSL1	R4B
93	KPAKHTUNKHWA	PESHAWAR	PESHAWAR	KP/30/14/066	F	6	24-June-14	1	0	Y	Y	Y	Y	NSL1	R4B
94	SINDH	SANGHAR	SANGHAR	SD/32/14/014	M	21	24-June-14	3	7	Y	Y	Y	N	NSL1	R4B
95	SINDH	KHIGADAP	GADAP	SD/63/14/022	M	21	21-June-14	0	5	Y	Y	Y	N	NSL1	R4B
96	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/109	M	24	20-June-14	0	3	Y	Y	Y	N	NSL1	R4B
97	KPAKHTUNKHWA	LAKIMARWAT	LAKIMARWAT	KP/62/14/021	F	24	24-June-14	0	0	Y	Y	Y	Y	NSL1	R4B
98	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/800	F	18	24-June-14	0	0	Y	Y	Y	N	NSL1	R4B
99	FATA	WAZIR-S	WANA	FT/65/14/012	M	18	28-June-14	0	0	Y	Y	Y	N	NSL1	R4B
100	BALUCHISTAN	KABDULAH	KABDULAH	BN/14/14/009	F	18	02-July-14	2	0	Y	Y	Y	Y	NSL1	R4B
102	FATA	KHYBER\$	BARA	FT/34/14/026	F	18	06-July-14	0	0	Y	Y	Y	N	NSL1	R4B
103	FATA	WAZIR-S	WANA	FT/65/14/013	F	21	09-July-14	0	0	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

New Case

^Under investigation

* Afp.rec Data as of 23-07-2014

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	366	96%
February	368	271	0	0	35	10	42	11%	18	350	95%
March	391	267	0	0	41	10	68	17%	14	378	97%
April	419	277	0	0	12	3	109	26%	17	402	96%
May	504	313	1	0	20	4	148	29%	16	487	97%
June	418	292	11	1	12	3	85	20%	17	389	93%
July	209	46	137	6	1	0	15	7%	3	62	30%
Pakistan	2692	1733	149	1	146	5	536	20%	102	2434	90%

* Data as of 21-07-2014

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

Basic information										OPV doses				Urgent		Prov	Lab update			Remarks	
S. #	District	Prio- rity	Tehsil	Union council	Epid number	Date of Onset	Age (VI) x	Sex	Date of 1st stool	Stool Adeq	Ri	SAs	Last 6 SAs	Last dose	Field Y	NSC Y	Diagnosis	Lab No.	Days Inoc	Culture update	
Isolates pending for ITSD																					
1	KHYBER	1	BARA	MILWARD	FT/34/14/025	03-Jul-14	8	F	08-Jul-14	Y	0	1	1	28-Jun-14	Y	Y	POLO / INJ NEURITIS	3195	4	P1	Discordant U
2	WAZIR-N S	1	MIRAN SHAH	#	FT/64/14/112	06-Jul-14	18	M	11-Jul-14	Y	#	#	#		#	#	MONO PLEGIA	1846	3	P1	Discordant U
3	PESHAWAR	1	PESHAWAR	PESHAWAR	KP/30/14/067	04-Jul-14	12	F	08-Jul-14	Y	0	0	0		Y	Y	TRAU MATIC NEURITIS	3174	4	P1	Discordant U
4	PESHAWAR S	1	PESHAWAR	PAKHA GHULM	KP/30/14/070	12-Jul-14	10	F	16-Jul-14	Y	3	6	6	30-Jun-14	N		INJ NEURITIS	3328	4	P1	Discordant U
5	CHAKWAL S	4	KALAR KAHAR	KALAR KAHAR	PB/13/14/019	07-Jul-14	35	F	13-Jul-14	Y	3	7+	6	24-Mar-14	N	N	PSEUDO PARALYSIS	3309	5	P1	Discordant U
6	KHILANDHI S	1	LANDHI	5	SD/69/14/012	08-Jul-14	12	M	12-Jul-14	Y	2	7+	6	25-Mar-14	N	N	GES / HYPO CALEMIA	3310	5	P1	Discordant U
7	KHINORTH S	1	NORTH	5	SD/73/14/004	20-Jun-14	66	M	13-Jul-14	N	0	1	-		Y	N	POLO	3351	3	P1	Discordant U
Reported urgent (by field / NSC Y criteria)																					
8	KABDULAH	1	CHAMAN	DAMAN ASHAZAI	BN/14/14/011	03-Jul-14	36	F	14-Jul-14	Y	0	1	1		N	Y	PARAPLEGIA	3368	10	UP	SERVICE DELIVER ISSUES
9	PESHAWAR	1	PESHAWAR	HAZARKHANI-2	KP/30/14/073	08-Jul-14	32	F	17-Jul-14	Y	3	7+	0		Y	Y	POLO	3392	8	UP	

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

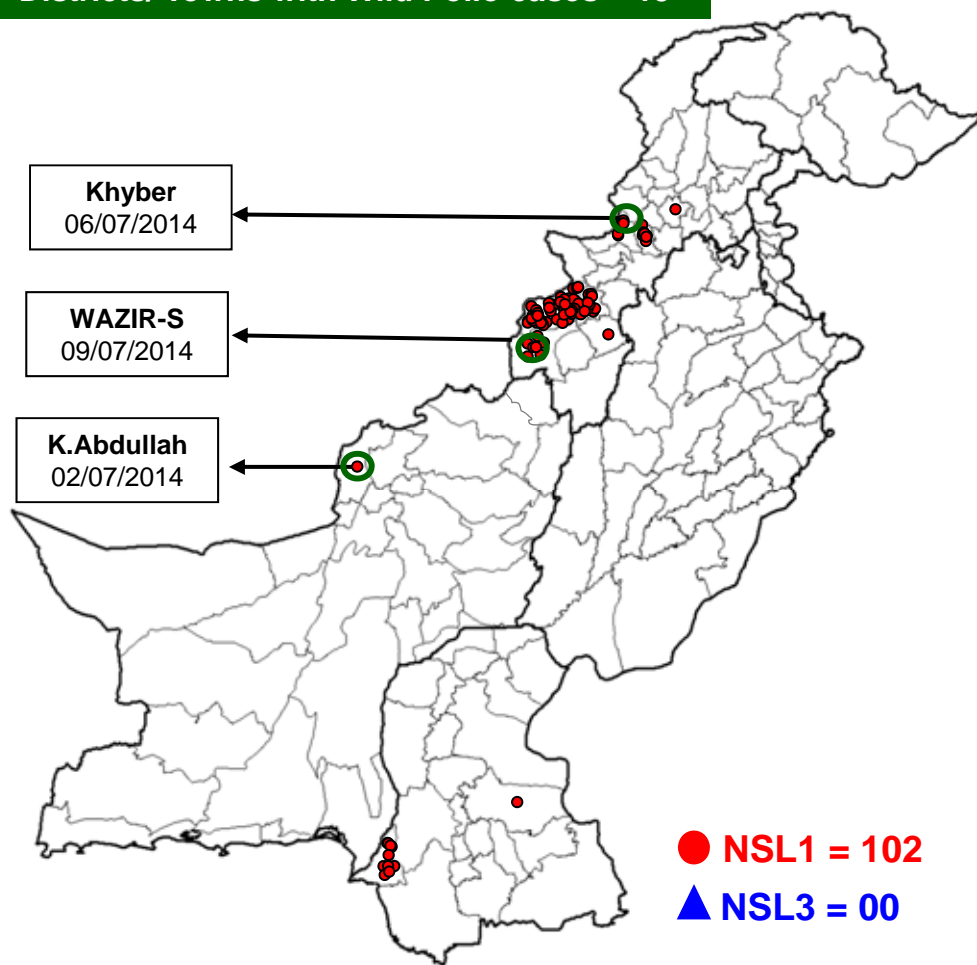
Comparison environmental sampling results 2013-14

DISTRICT	2013			2014			Last
	TOTAL	WILD		TOTAL	WILD		
	n	n	%	n	n	%	
LAHORE	34	0	0%	30	9	30%	12-Jun-14
MULTAN	19	0	0%	17	0	0%	09-Dec-13
RAWALPINDI	6	1	17%	10	2	20%	21-May-14
FAISALABAD	20	1	5%	18	0	0%	03-Jan-13
KHIGIQBAL	13	0	0%	11	9	82%	20-May-14
KHIGADAP	18	5	28%	18	9	50%	15-May-14
KHIBALDIA	13	0	0%	12	6	50%	08-May-14
SUKKUR	13	0	0%	12	2	17%	05-Jun-14
HYDERABAD	7	6	86%	6	3	50%	06-Jun-14
JACOBABAD	0	0		0	0		-
PESHAWAR	13	10	77%	17	9	53%	24-Jun-14
QUETTA	18	1	6%	17	5	29%	20-Jun-14
ISLAMABAD	0	0	-	4	0	0%	-
PAKISTAN	174	24	14%	172	54	31%	24-Jun-14

Data source Polio RRL

Map1: Distribution of Wild Polio cases Pakistan 2014*

Districts/ Towns with Wild Polio cases = 15



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	Dec, 2013	Jun, 2010	-	-
SINDH	June, 2014	Jan, 2010	9	-
KHYBER- PAKHTUNKHWA	June, 2014	Oct, 2010	17	-
FATA	July, 2014	Apr, 2012	75	-
BALUCHISTAN	July, 2014	Apr, 2010	1	-
AJK	June, 2000	Jun, 2000	-	-
GILGIT-BALTISTAN	Aug, 2012	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
PAKISTAN	July, 2014	Apr, 2012	102	-

○ District with last polio case in province

Cases randomly placed
in districts

— Provincial Boundary
— Districts Boundary

* Afp.rec Data as of 23-07-2014

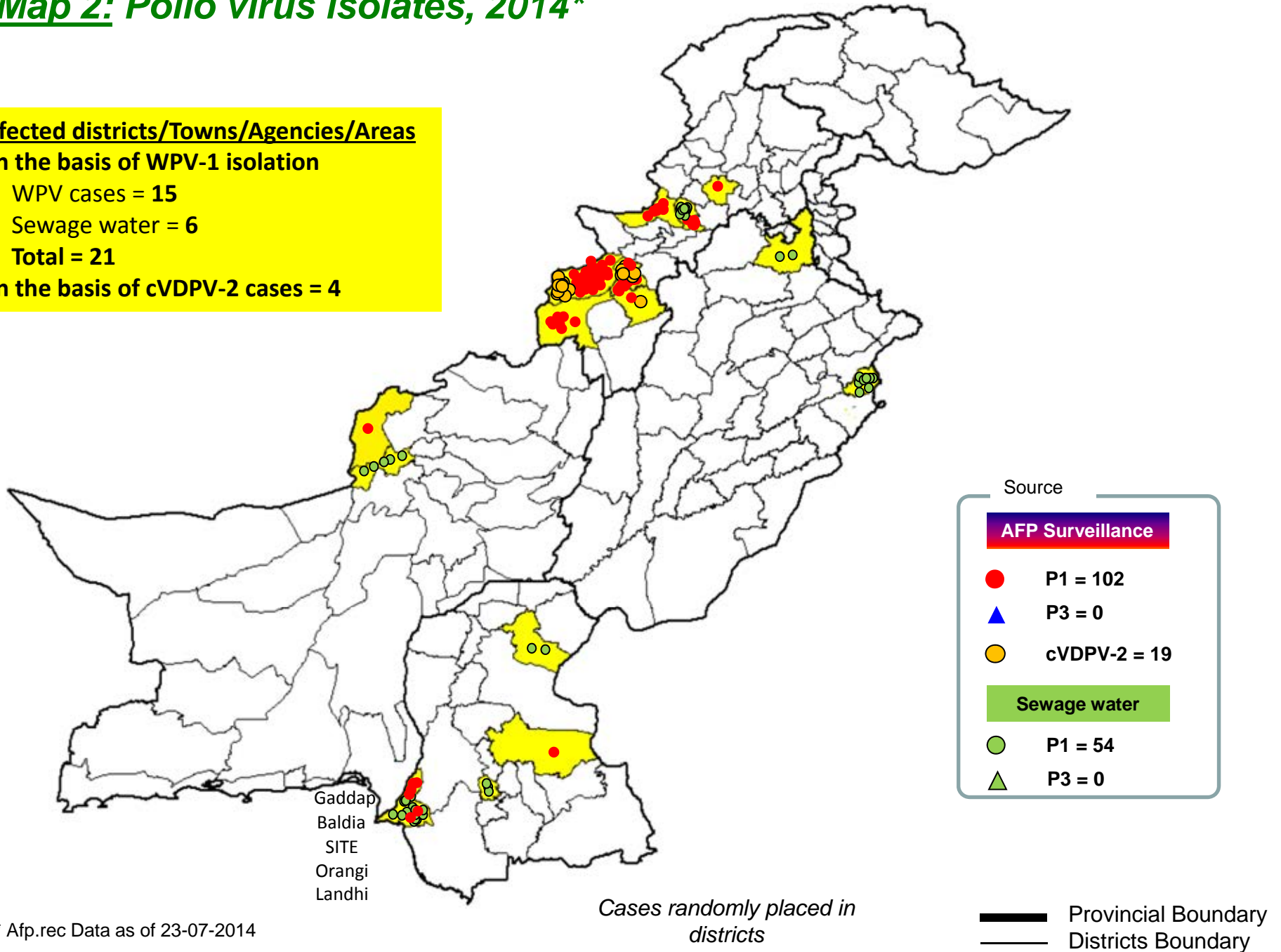
Map 2: Polio virus isolates, 2014*

Infected districts/Towns/Agencies/Areas

On the basis of WPV-1 isolation

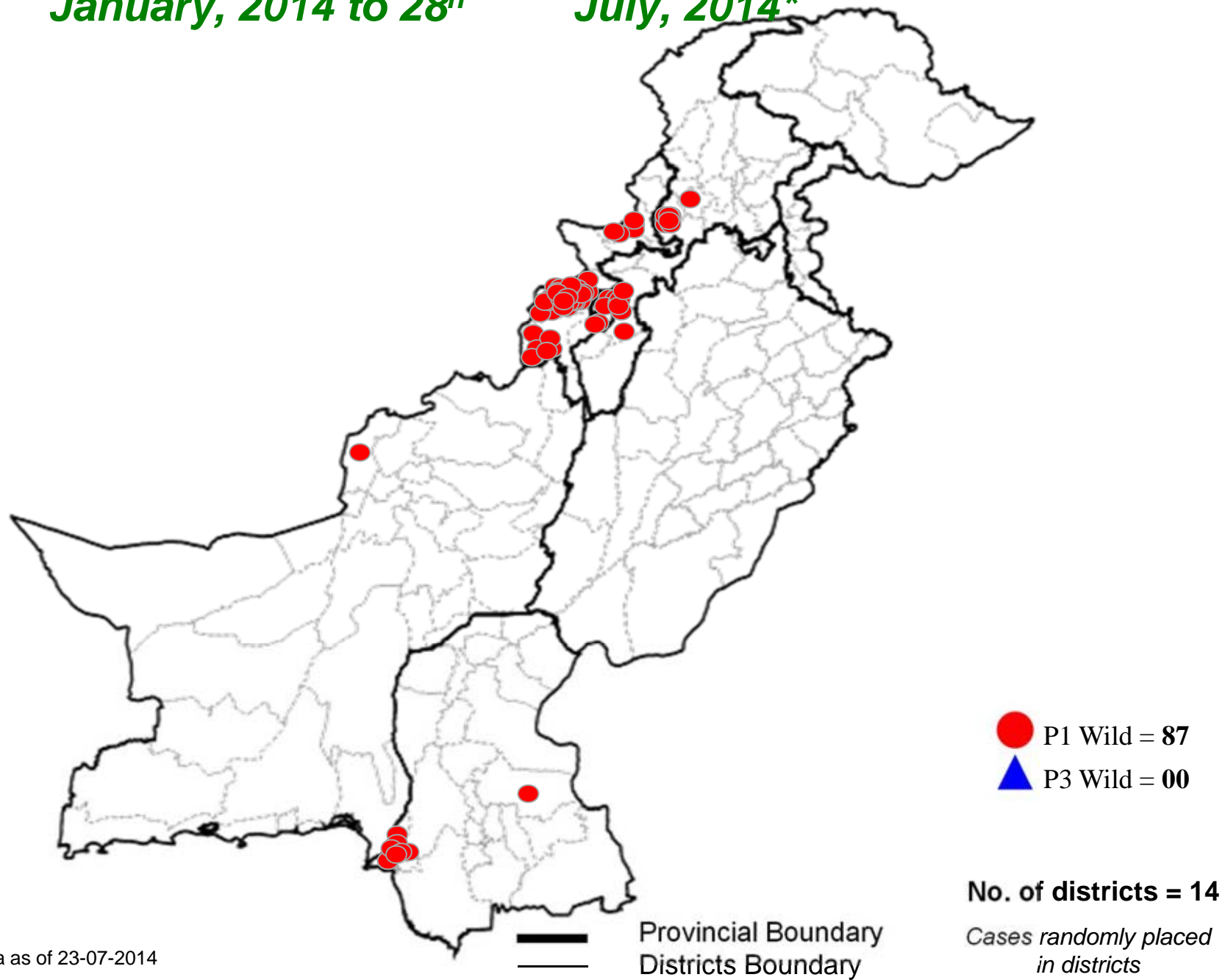
- WPV cases = 15
- Sewage water = 6
- Total = 21

On the basis of cVDPV-2 cases = 4



* Afp.rec Data as of 23-07-2014

Map 3: Wild Polio cases in the last 6 months from
29th January, 2014 to 28^h July, 2014*



* Afp.rec Data as of 23-07-2014

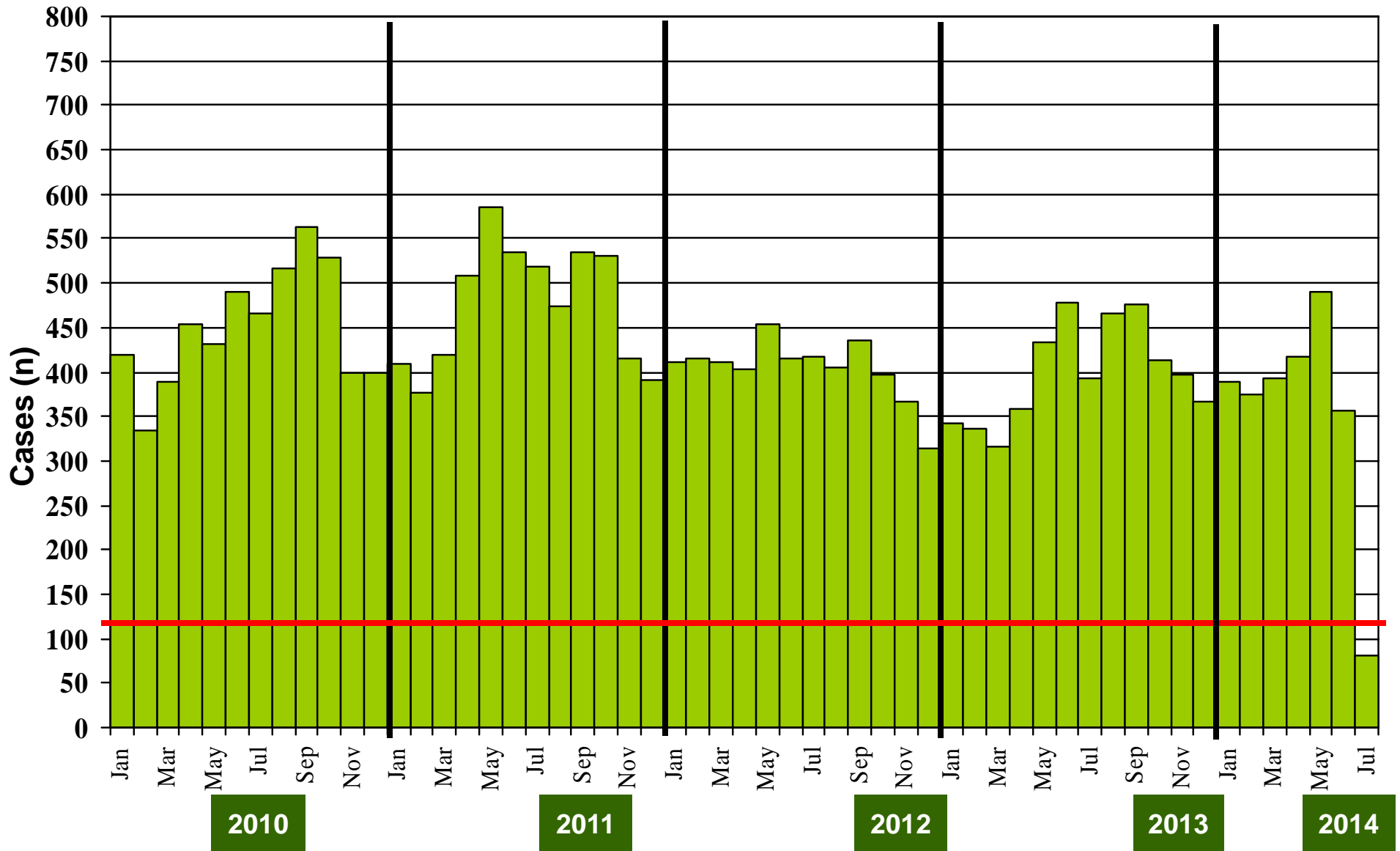
**Table 4: Distribution of AFP Cases By Week of Onset ^
Pakistan 2013-14* [Week number/Ending on]**

PROVINCE	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	W 27 05 July 2014	W 28 12 July 2014	W 29 19 July 2014
PUNJAB	128	244	220	216	264	232	235	239	220	241	192	167	142	58	3
SINDH	96	84	76	88	71	116	60	40	75	79	70	62	38	21	6
KP	60	99	96	92	63	56	96	73	81	45	70	59	50	20	4
FATA	32	20	32	36	32	44	24	37	24	16	13	15	4	10	0
BALUCHISTAN	4	4	24	17	24	8	24	8	19	16	12	14	16	19	2
AJK	0	0	0	0	0	4	8	8	0	4	4	7	0	3	0
GILGIT BILTISTAN	0	8	0	0	0	0	4	4	0	0	4	0	0	0	0
ISLAMABAD	0	0	4	0	0	0	4	0	0	0	0	3	3	0	0
PAKISTAN	320	459	452	449	454	460	455	409	419	401	365	327	253	131	15

* Afp.rec & Afplab.rec: Data as of 23-07-2014

^ MMWR Epidemiological Weeks

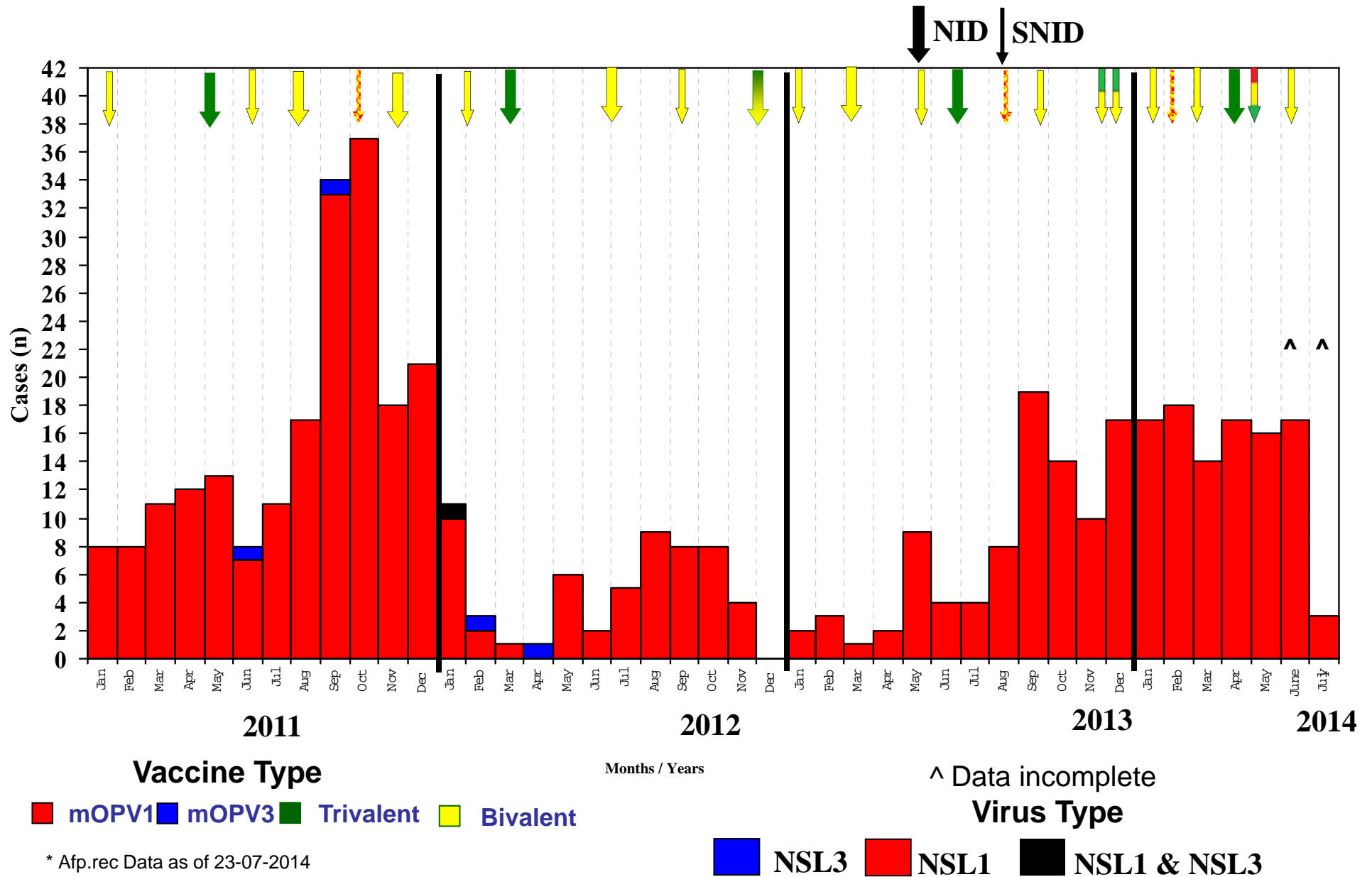
Graph 1: Distribution of AFP Cases by Month, Pakistan 2010-2014*



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

* Afp.rec Data as of 23-07-2014

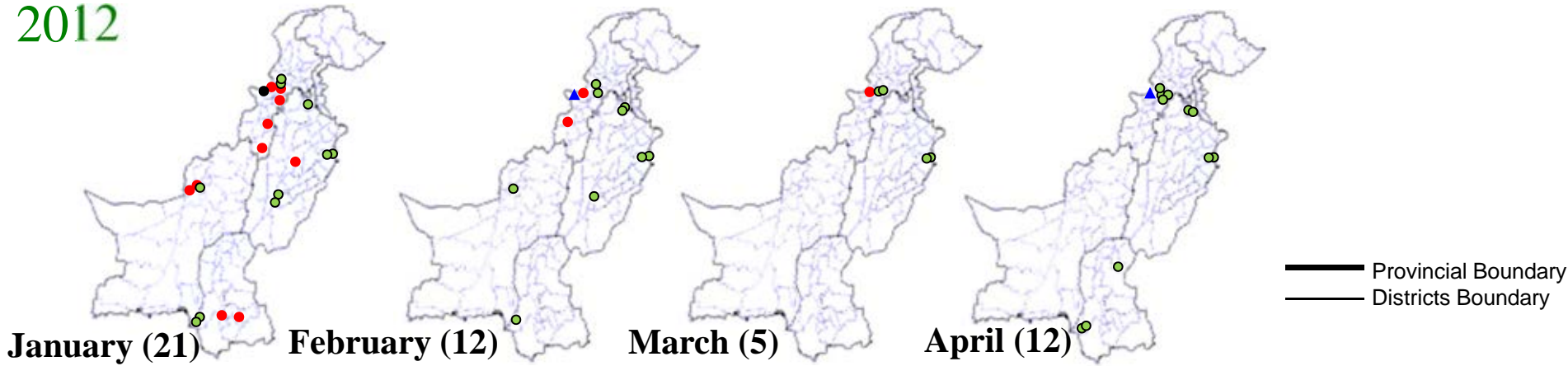
Confirmed Polio Cases By Poliovirus Type, 2011-2014*



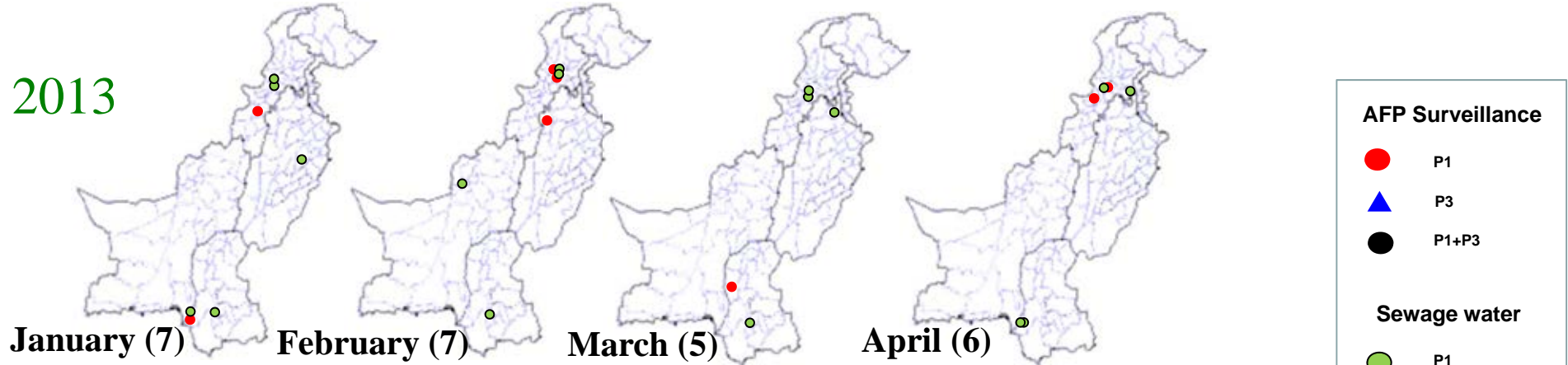
* Afp.rec Data as of 23-07-2014

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

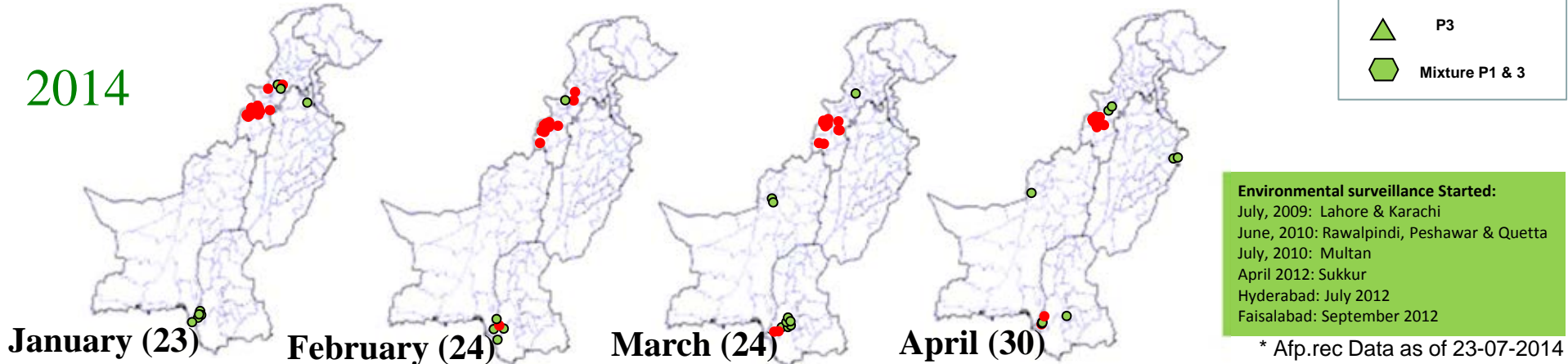
2012



2013



2014



AFP Surveillance

- P1
- ▲ P3
- P1+P3

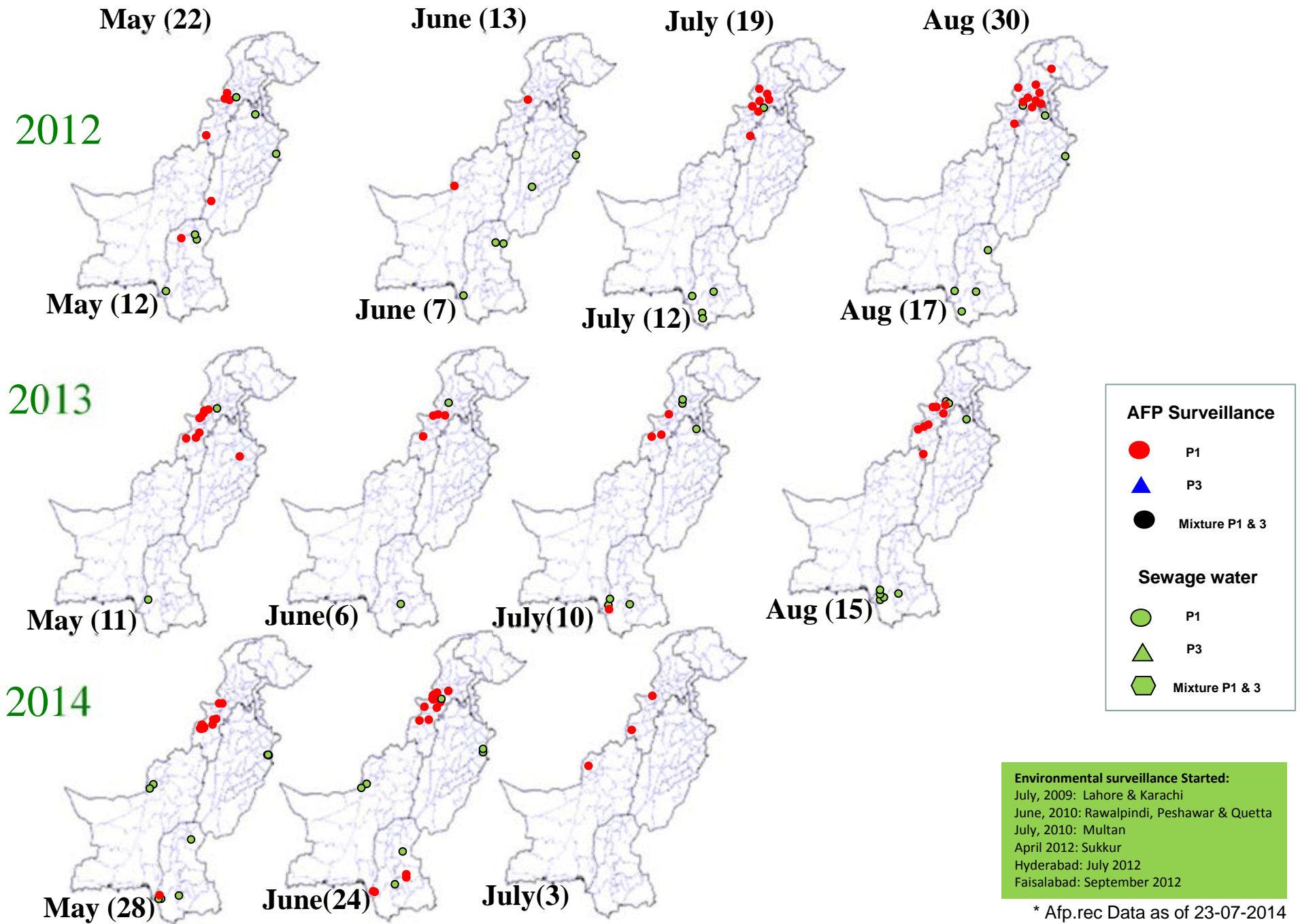
Sewage water

- 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 23-07-2014

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



* Afp.rec Data as of 23-07-2014

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

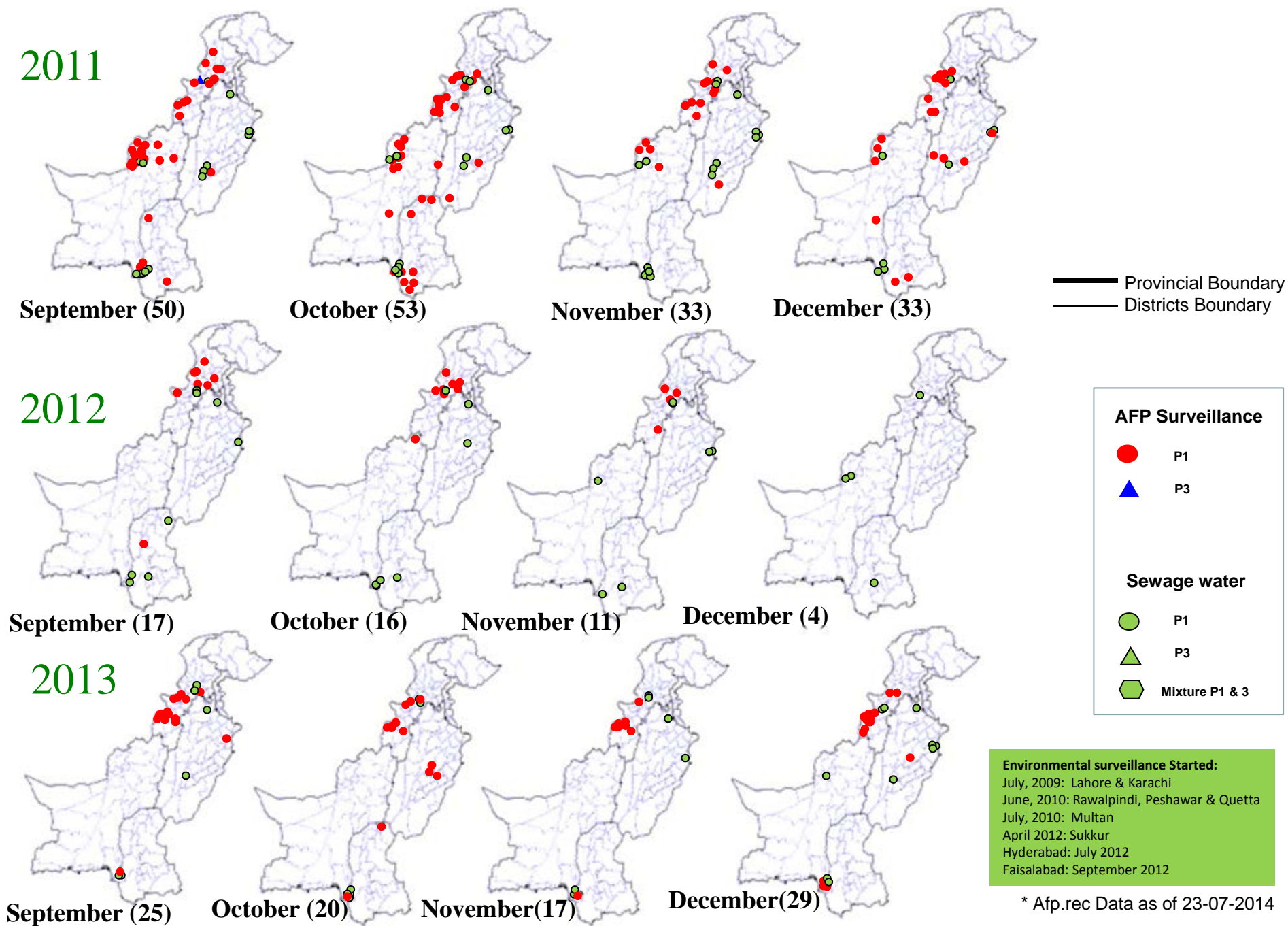
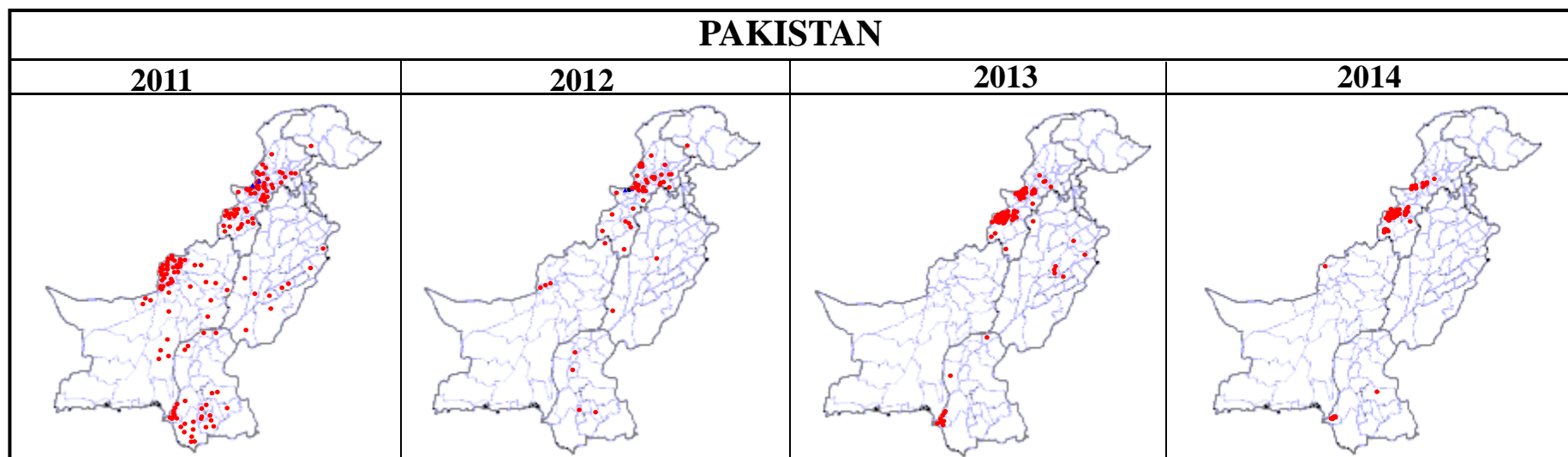


Table 5: Polio Eradication Update, Pakistan 2011-2014*

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	9	0	-	-	-	33	4	10	9
KP	23	27	11	17	0	-	-	-	23	27	11	17
FATA^	57	17	65	75	2	2	-	-	59	20^	65	75
BALUCHISTAN	73	4	-	1	0	-	-	-	73	4	-	1
AJK	0	-	-	-	0	-	-	-	0	-	-	-
Gilgit-Baltistan	1	1	-	-	0	-	-	-	1	1	-	-
ISLAMABAD	0	-	-	-	0	-	-	-	0	-	-	-
PAKISTAN	196	55	93	102	2	2	-	-	198	58	93	102

^ FATA reported mixture of NSL1 & NSL3



* Afp.rec Data as of 23-07-2014

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

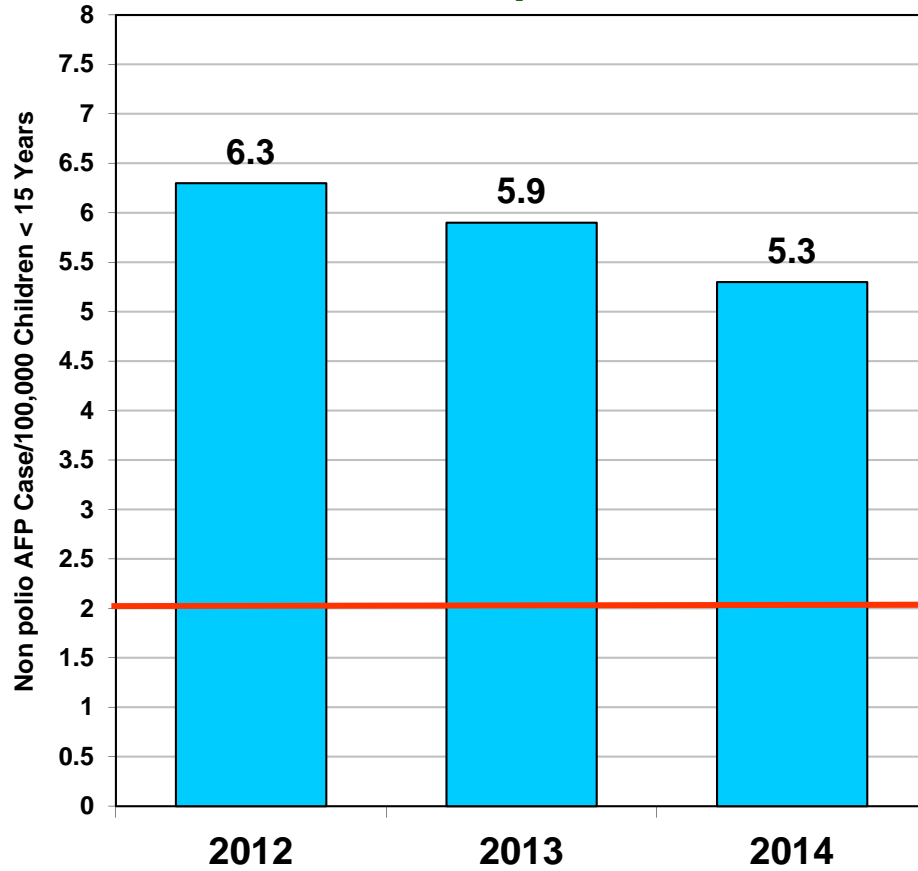
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14
Central Punjab	0%	0%	0%	0%	1%	0%	0%	0%	2%	0%	1%	1%	6%	4%	7%	4%	92%	95%	91%	95%
North Punjab	0%	0%	0%	0%	1%	0%	0%	1%	1%	0%	0%	2%	5%	4%	4%	4%	93%	96%	96%	93%
South Punjab	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	5%	4%	5%	2%	93%	96%	94%	98%
PUNJAB	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%	0%	1%	5%	4%	6%	3%	93%	96%	93%	96%
Karachi	4%	1%	1%	7%	1%	1%	5%	4%	0%	2%	0%	4%	6%	6%	6%	3%	86%	90%	88%	81%
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%
SINDH	1%	0%	0%	1%	1%	1%	1%	1%	0%	1%	0%	1%	6%	4%	5%	6%	92%	93%	92%	91%
Central Khyber Pakhtunkhwa	1%	2%	2%	1%	1%	1%	1%	1%	0%	0%	1%	1%	3%	2%	2%	4%	95%	95%	95%	93%
North Khyber Pakhtunkhwa	1%	2%	1%	3%	2%	2%	1%	1%	1%	2%	1%	4%	7%	9%	7%	8%	90%	85%	91%	85%
South Khyber Pakhtunkhwa	2%	2%	1%	2%	4%	1%	0%	2%	4%	1%	1%	0%	7%	9%	4%	3%	83%	87%	95%	93%
Khyber Pakhtunkhwa	1%	2%	1%	2%	2%	1%	0%	1%	1%	1%	1%	2%	5%	6%	4%	5%	91%	89%	94%	90%
FATA	14%	18%	39%	52%	10%	6%	6%	10%	5%	3%	6%	2%	11%	12%	6%	1%	61%	62%	43%	35%
North Balochistan	4%	12%	9%	3%	12%	10%	11%	3%	23%	3%	3%	10%	12%	17%	28%	10%	50%	57%	49%	74%
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%	10%	5%	5%	5%	0%	10%	10%	25%	15%	76%	70%	60%	75%
BALUCHISTAN	16%	8%	6%	1%	6%	8%	6%	4%	6%	3%	4%	4%	12%	17%	20%	8%	60%	64%	64%	83%
PAKISTAN	2%	1%	3%	3%	1%	1%	1%	1%	1%	1%	1%	1%	6%	5%	6%	4%	89%	92%	89%	90%

* Afp.rec Data as of 23-07-2014

Key Surveillance Indicators; 2012-2014*

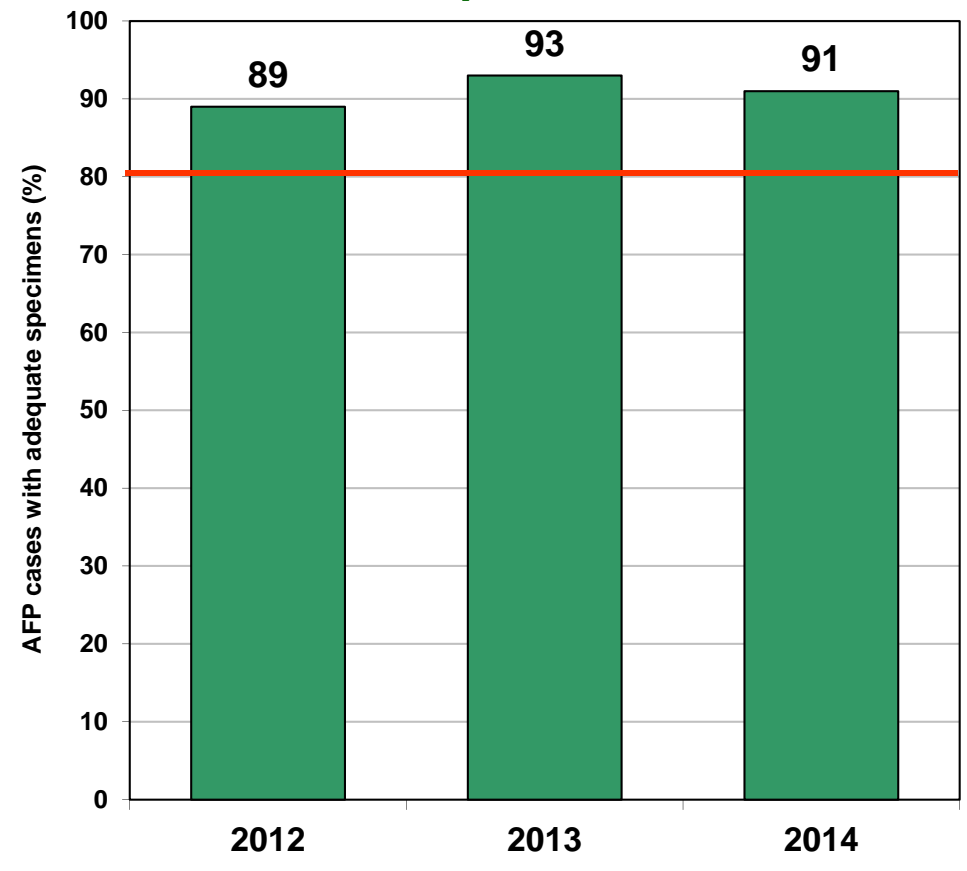
(Non polio AFP rate and % AFP cases with adequate specimens)

Graph 3



■ Non Polio AFP Rate

Graph 4



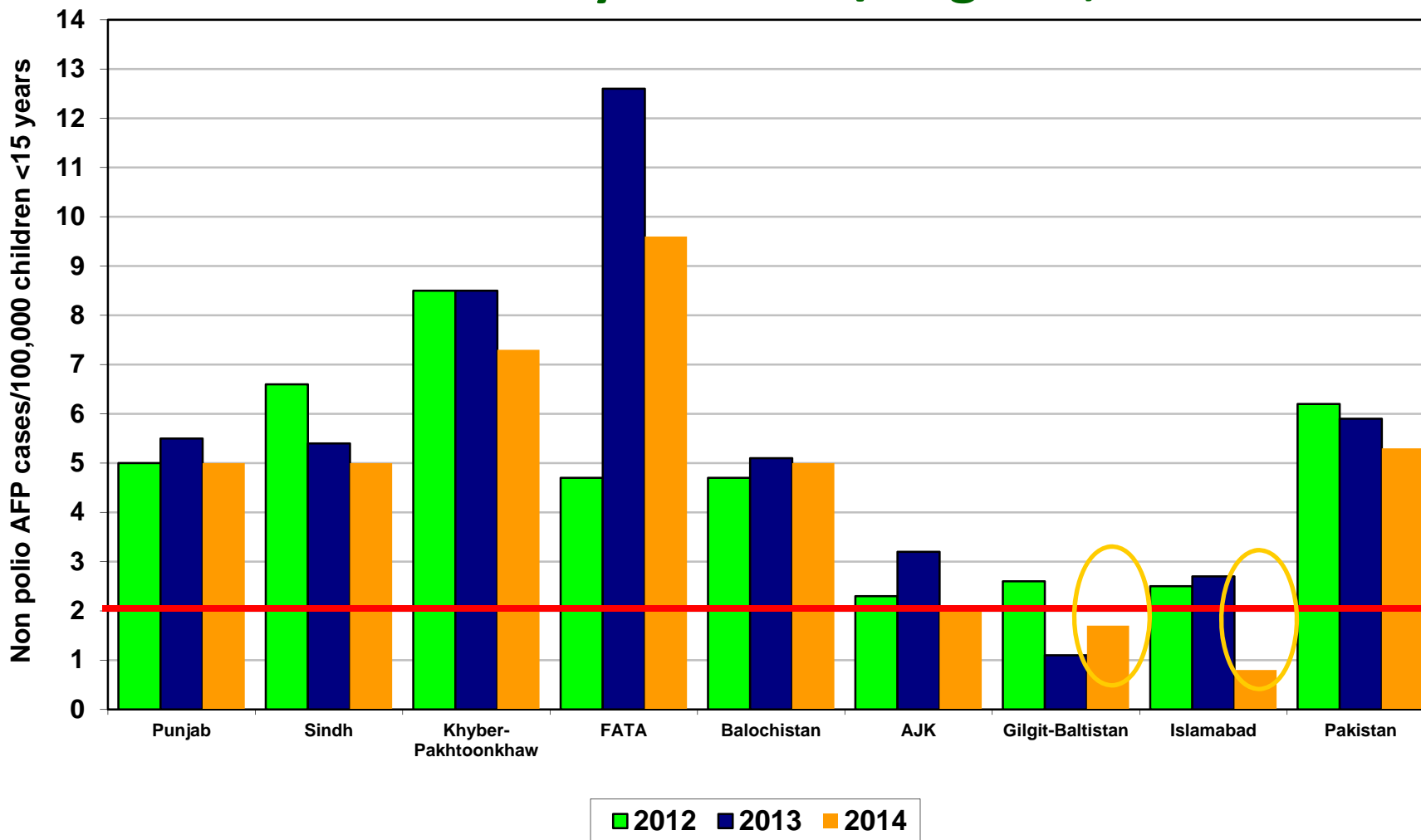
■ % AFP with Adequate Specimens

— Target

Non Polio AFP rate Up to Week No. 29 ended on 19th July, 2014

* Afp.rec Data as of 23-07-2014

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

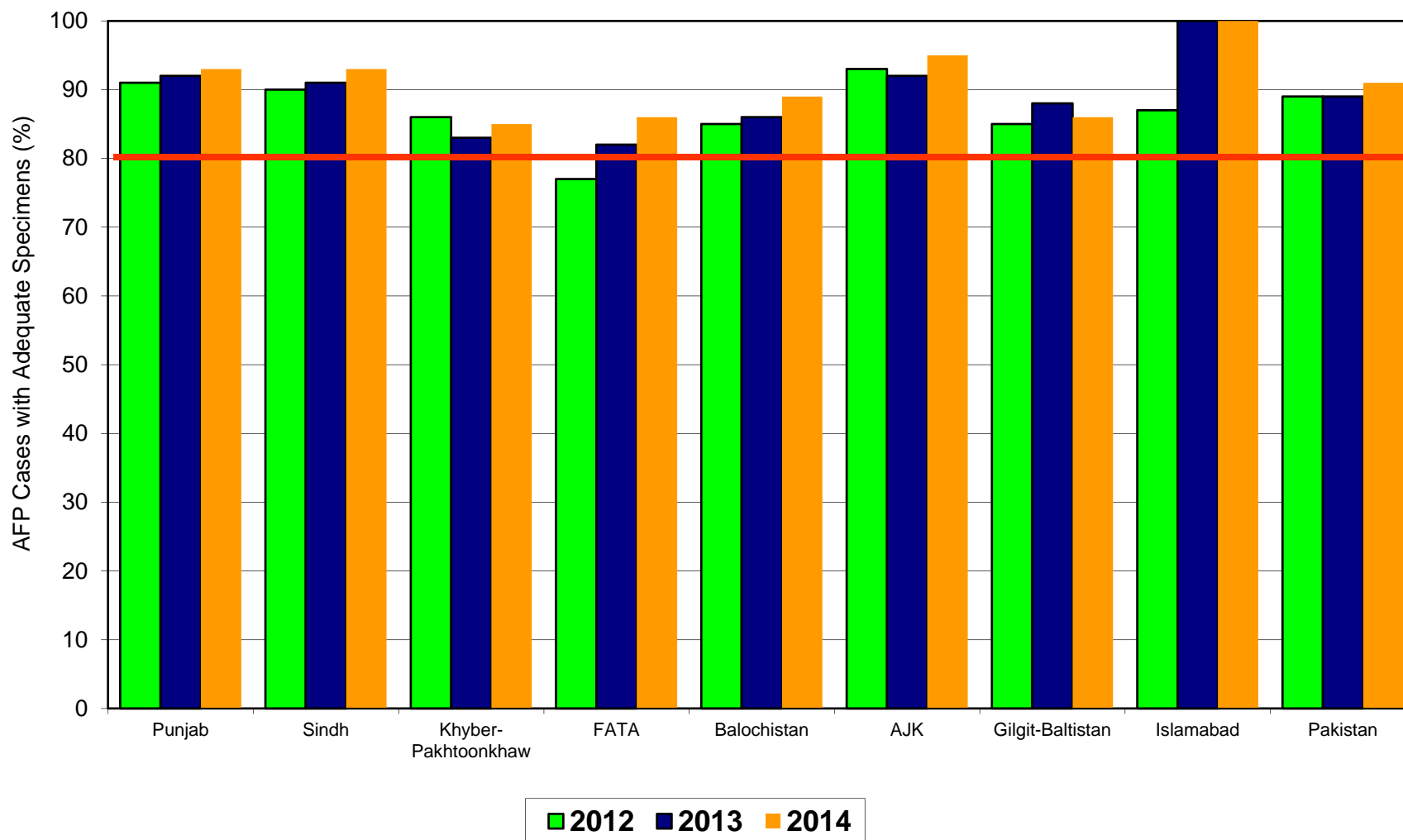


Non Polio AFP rate Up to Week No. 29 ended on 019^h July, 2014

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

* Afp.rec Data as of 23-07-2014

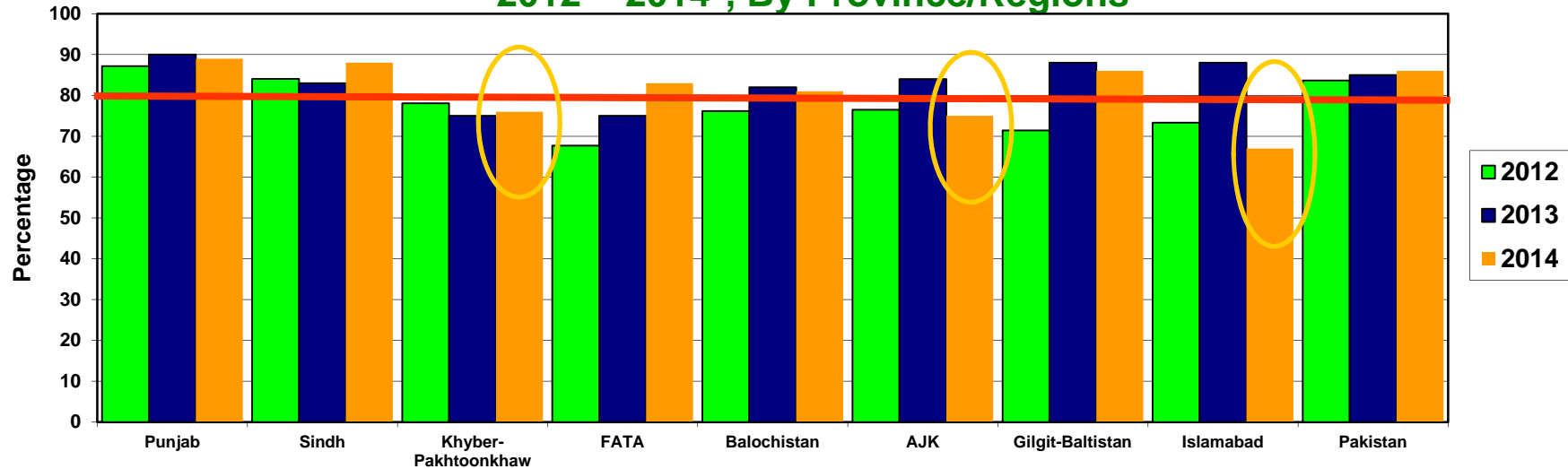
Percent AFP Cases with Adequate Specimens By Province/Regions, 2012-2014*



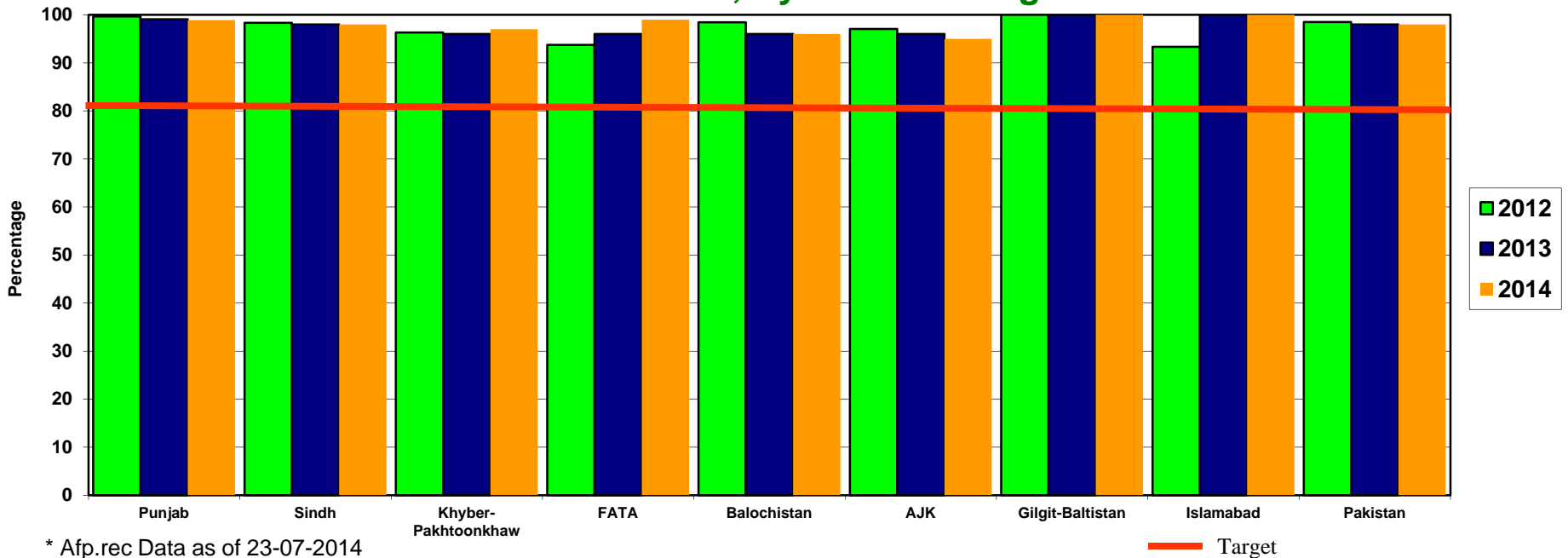
* Afp.rec Data as of 23-07-2014

Target Adequate Sample cases = 80%

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



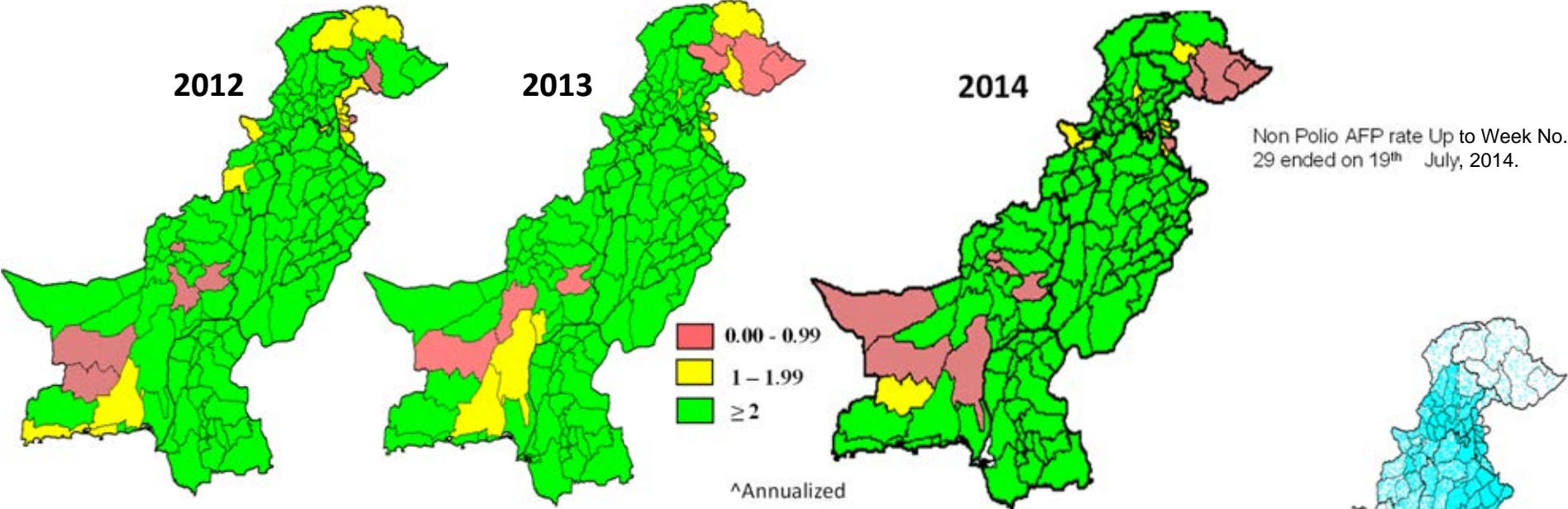
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2012 ~ 2014*, By Province/Regions**



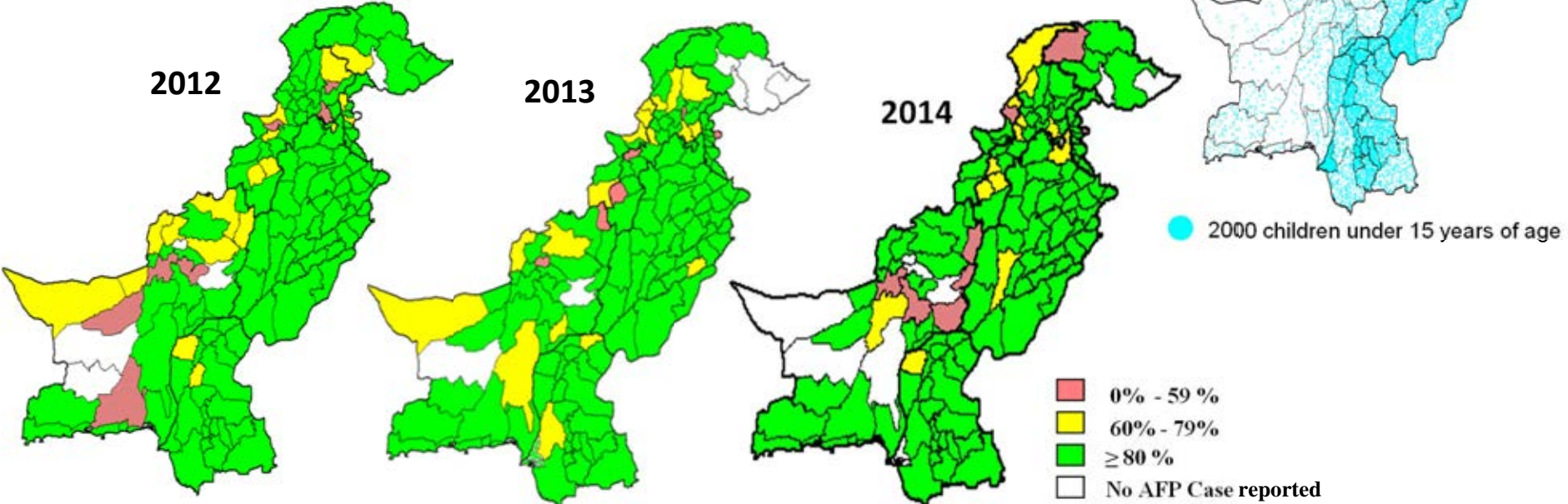
* Afp.rec Data as of 23-07-2014

— Target

Non-Polio^ AFP Rate by District



Percent AFP Cases with Adequate Specimens, by District



* Afp.rec Data as of 23-07-2014

Table 7.1: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS* 2014 (1/2)

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	129
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	131
3	GUJRANWALA	KAMOKE	PB/21/14/032	M	22	3/8/2014	7+	4/30/2014	5/1/2014	NVI	Y	Y	Y	Y	138
4	GUJRANWALA	AROOP	PB/21/14/037	M	22	4/20/2014	7+	5/14/2014	5/15/2014	NVI	N	Y	Y		95
5	KHANEWAL	KHANEWAL	PB/62/14/027	F	41	3/4/2014	7+	Late Notified			N	Y	UK		142
6	LAYYAH	LAYYAH	PB/84/14/011	M	123	4/13/2014	7+	5/9/2014	5/11/2014	NVI	Y	N	Y	Y	102
7	MUZFARGARH	JATOI	PB/83/14/015	M	3	3/11/2014	3	3/25/2014	3/26/2014	VACC	Y	Y	Y	Y	135
8	MUZFARGARH	JATOI	PB/83/14/023	M	7	3/12/2014	7+	4/25/2014	4/26/2014	NVI	Y	Y	UK	Y	134
9	MUZFARGARH	MUZFARGARH	PB/83/14/024	M	54	4/19/2014	7+	4/26/2014		EV	Y	N	Y		96
10	MUZFARGARH	JATOI	PB/83/14/037	F	2	4/19/2014	2	6/16/2014	6/18/2014	NVI	N	Y	Y	Y	96
11	RAJANPUR	JAMPUR	PB/82/14/006	F	18	2/23/2014	7+	Late Notified			Y	N	Y	Y	151
12	RAJANPUR	ROJHAN	PB/82/14/021	M	24	3/12/2014	7+	4/4/2014	4/5/2014	EV	Y	Y	Y	Y	134
13	RAJANPUR	ROJHAN	PB/82/14/041	F	24	4/23/2014	7+	5/17/2014	5/18/2014	EV	N	Y	Y	Y	92
14	RAWALPINDI	RAWALPINDI	PB/11/14/004	M	10	1/26/2014	7+	2/12/2014		NVI	Y	Y	Y	Y	179
15	RAWALPINDI	KALAR SYEDIAN	PB/11/14/020	M	5	4/4/2014	1	4/20/2014	4/22/2014	NVI	N	Y	Y	Y	111
16	VEHARI	MAILSI	PB/63/14/024	F	81	2/25/2014	7+	Late Notified			Y	Y	Y		149
17	DADU	MEHAR	SD/24/14/018	F	72	4/19/2014	7+	5/7/2014	5/8/2014	NVI	Y	Y	N	Y	96
18	JACOBABAD	JACOBABAD	SD/53/14/005	M	48	3/20/2014	7+	4/4/2014	4/6/2014	NVI	Y	Y	Y	Y	126
19	JAMSHORO	MANJHAND	SD/25/14/011	F	6	4/10/2014	5	4/29/2014	5/1/2014	NVI	Y	Y	Y	Y	105
20	KAMBAR	KAMBAR	SD/55/14/008	M	60	3/28/2014	7+	Late Notified			Y	Y	Y	Y	118
21	KAMBAR	KAMBAR	SD/55/14/009	M	120	3/29/2014	7+	4/2/2014		NVI	Y	Y	Y	Y	117
22	KAMBAR	KAMBAR	SD/55/14/011	F	60	4/19/2014	7+	4/22/2014		NVI	Y	Y	Y	DIED	96
23	KAMBAR	MIRO KHAN	SD/55/14/013	F	108	4/12/2014	7+	4/27/2014	4/28/2014	NVI	Y	Y	Y	Y	103
24	KASHMORE	KANDHKOT	SD/54/14/006	M	60	3/21/2014	7+	4/21/2014	4/22/2014	NVI	N	N	Y	Y	125
25	KHAIRPUR	KHAIRPUR	SD/43/14/003	F	72	1/28/2014	7+				Y	Y	Y	DIED	177
26	KHIBALDIA	BALDIA	SD/61/14/005	F	24	2/15/2014	6	Child Died Before Stool Collection			Y	Y	Y	Y	159
27	KHIGADAP	GADAP	SD/63/14/004	M	10	1/5/2014	0	3/5/2014	3/6/2014	EV	Y	Y	Y	Y	200
28	KHIGADAP	GADAP	SD/63/14/012	M	13	4/5/2014	6	5/6/2014	5/8/2014	NVI	UK	UK	UK		110
29	KHIGIQBAL	G-IQBAL	SD/65/14/006	M	17	3/1/2014	7+	4/7/2014	4/8/2014	NVI	Y	Y	Y	Y	145
30	KHIKAMARI	KAMARI	SD/67/14/003	M	3	4/9/2014	1	5/6/2014	5/8/2014	NVI	Y	Y	Y	Y	106
31	KHIKORANGI	KORANGI	SD/68/14/001	M	23	1/5/2014	7+				N	N	N	DIED	200
32	MIRPURKHAS	SINDHRI	SD/31/14/026	F	14	4/9/2014	6	Child Died Before Stool Collection			Y	Y	Y	DIED	106
33	UMERKOT	SAMARO	SD/34/14/002	F	24	1/14/2014	7+				Y	N	Y	DIED	191
34	BANNU	BANNU	KP/61/14/020	M	12	4/19/2014	7+	6/12/2014	6/13/2014		Y	N	Y		96
35	BATAGRAM	BATAGRAM	KP/11/14/006	M	120	3/1/2014	7+	4/5/2014	4/6/2014	NVI	Y	Y	Y		145
36	CHITRAL	CHITRAL	KP/21/14/001	M	48	1/22/2014	7+	1/31/2014		NVI	Y	N	Y	DIED	183
37	KOHAT	KOHAT	KP/50/14/011	F	17	3/5/2014	7+				Y	N	Y		141
38	KOHAT	LACHI	KP/50/14/015	M	57	4/17/2014	7+	Late Notified			Y	N	Y		98
39	KOHISTAN	DASSU	KP/13/14/005	M	34	3/22/2014	3	4/4/2014	4/6/2014	NVI	Y	Y	Y		124
40	LAKKIMRWT	LAKKIMRWT	KP/62/14/020	M	42	3/30/2014	7+	Late Notified			N	N	Y	Y	116
41	NOWSHERA	NOWSHERA	KP/32/14/018	M	118	4/14/2014	7+	5/12/2014	5/15/2014	NVI	N	N	Y	DIED	101
42	PESHAWAR	PESHAWAR	KP/30/14/027	F	18	3/12/2014	7+	4/1/2014	4/2/2014	VACC	Y	Y	Y	Y	134

€ Based on recall of parents

* Afp.rec Data as of 23-07-2014

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* 2014 (2/2)

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
43	PESHAWAR	PESHAWAR	KP/30/14/039	M	48	3/26/2014	7+	4/19/2014	4/20/2014		Y	Y	Y	Y	120
44	PESHAWAR	PESHAWAR	KP/30/14/064	F	2	4/18/2014	1	Late Notified			N	Y	Y	Y	97
45	TANK	TANK	KP/63/14/002	M	18	2/5/2014	7+	3/6/2014	3/8/2014	EV	Y	N	UK		169
46	BARKHAN	BARKHAN	BN/23/14/001	M	36	1/19/2014	3	1/30/2014		NVI	Y	Y	UK	DIED	186
47	BARKHAN	BARKHAN	BN/23/14/002	F	20	4/18/2014	7+	6/6/2014	6/8/2014	NVI	Y	Y	Y		97
48	DBUGTI	DERA BUGTI	BN/35/14/001	M	33	1/20/2014	7+	2/22/2014	2/23/2014	NVI	Y	Y	Y		185
49	JAFARABAD	JHAT PAT	BN/43/14/005	F	14	2/5/2014	7+	2/19/2014	2/21/2014	NVI	Y	Y	Y	Y	169
50	JAFARABAD	SOHBAT PUR	BN/43/14/011	F	58	4/5/2014	7+	5/14/2014	5/16/2014	VACC	N	Y	Y	Y	110
51	KALAT	KALAT	BN/53/14/001	M	120	2/1/2014	7+	3/1/2014	3/4/2014	NVI	N	Y	Y	Y	173
52	SIBI	LEHRI	BN/31/14/004	F	35	2/28/2014	3	3/26/2014	3/27/2014	NVI	Y	Y	N	Y	146
53	HAVELI	HAVELI	AJ/51/14/002	F	120	2/16/2014	3	4/17/2014	4/19/2014	NVI	Y	N	Y	Y	158
54	GHIZER	GUPIS	GB/41/14/002	F	20	4/16/2014	7+	5/9/2014	5/11/2014	NVI	Y	N	Y		99
55	FR BANNU	FR BANNU	FT/69/14/011	M	8	2/3/2014	0	2/20/2014	2/21/2014	NVI	Y	Y	Y		171
56	FR BANNU	FR BANNU	FT/69/14/016	M	10	4/18/2014	0	4/26/2014		NVI	Y	N	Y		97
57	FR BANNU	FR BANNU	FT/69/14/020	M	21	2/17/2014	0	Late Notified			Y	Y	Y	Y	157
58	WAZIR-N	MIRAN SHAH	FT/64/14/044	M	12	1/27/2014	0	3/2/2014	3/3/2014	VACC	Y	Y	Y		178
59	WAZIR-N	MIRAN SHAH	FT/64/14/052	M	8	3/1/2014	0	3/13/2014		NVI	Y	Y	Y		145
60	WAZIR-N	MIR ALI	FT/64/14/065	F	12	4/7/2014	2	4/9/2014		NVI	Y	Y	Y		108
61	WAZIR-N	MIRAN SHAH	FT/64/14/105	F	14	1/12/2014	1	6/24/2014	6/26/2014		Y	Y	Y		193

€ Based on recall of parents

* Afp.rec Data as of 23-07-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.