



**World Health
Organization**

Weekly AFP Surveillance Update Pakistan

Week 19 (*Ended on 10th May, 2014*)

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Federal EPI***

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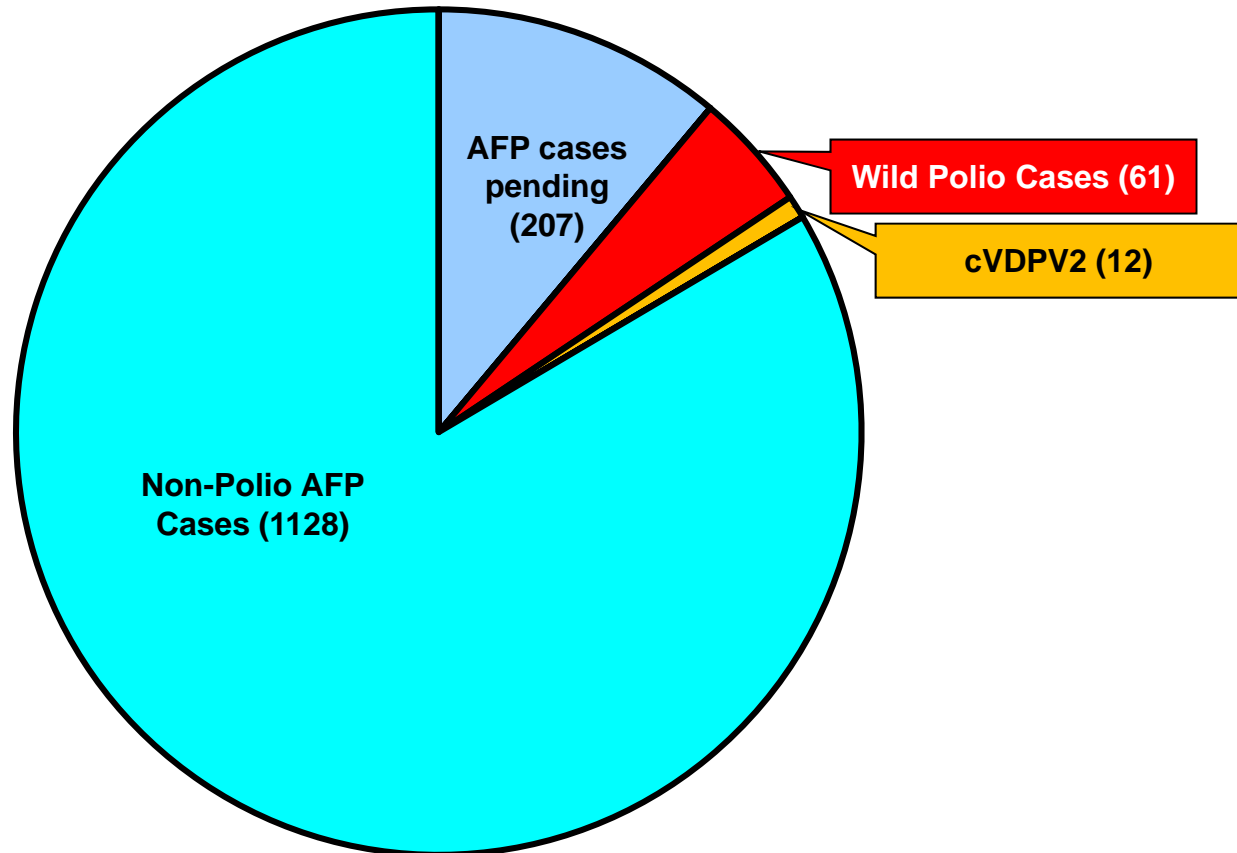
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AFP Surveillance



AFP Case Profile, 2014*



Total AFP Cases Reported = 1408

**^24 Inadequate cases pending classification by ERC;
^59 Inadequate cases not due for FUP
^124 Pending in the Lab**

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	4	9	3	2	19-Apr -14
FATA / FR Areas	4	47	2	4	24-Apr -14
Sindh	2	5	2	3	08-Apr-14
Balochistan	0	0	0	0	02-Oct-12
Punjab	1	0	1	0	12-Dec-13
Pakistan	11	61	8	9	24-Apr-14

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

* Afp.rec Data as of 08-05-2014

Table 1: List of Confirmed Polio Cases, Pakistan 2014* (1/3)

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	10^	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	3	3	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	3	3	Y	Y	Y	N	NSL1	R4B

\$ Security compromised area

^Under investigation

* Afp.rec Data as of 08-05-2014

Table 1: List of Confirmed Polio Cases, Pakistan 2014* (2/3)

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	0	0	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	0	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	0	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 08-05-2014

Table 1: List of Confirmed Polio Cases, Pakistan 2014* (3/3)

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
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	0	Y	Y	Y	N	NSL1	R4B
49	SINDH	KARACHI	ORANGI	SD/75/14/005	F	22	30-Mar-14	0	0	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	0	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	
55	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/068	F	78	09-Apr-14	0	0	Y	Y	Y	Y	NSL1	R4B
56	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/070	F	11	10-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
57	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/072	M	14	11-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
58	KPAKHTUNKHWA	BANNU	BANNU	KP/61/14/012	M	10	19-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
59	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/073	M	14	20-Apr-14	0	0	Y	Y	Y	N	NSL1	R4B
60	FATA	WAZIR-N\$	MIRAN SHAH	FT/64/14/077	M	14	24-Apr-14	0	0	Y	Y	Y	N	NSL1	
61	SINDH	KHIGADAP	GADAP	SD/63/14/010	F	18	08-Apr-14	3	7+^	Y	N	Y	Y	NSL1	R4B

\$ Security compromised area

New Case

^Under investigation

^Number of doses are under investigation

* Afp.rec Data as of 08-05-2014

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	%
January	383	267	0	0	25	7	69	18%	17	378	99%
February	368	271	0	0	35	10	42	11%	18	366	99%
March	387	260	2	0	41	11	67	17%	14	382	99%
April	393	195	93	5	8	2	79	20%	12	294	75%
May	36	0	35	1	0	0	0	0%	0	0	0%
Pakistan	1567	993	130	0	109	7	257	16%	61	1420	91%

* Data as of 12-05-2014

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	SAs	Last 6 SAs	Last dose	By Field	By NSC		Lab No.	Days Inoc	Culture update	
Isolates pending for ITSD																				
1	KABDULAH §	CHAMAN	MAHMOODABA D1	BN/14/14/003	23-Apr-14	62	M	26-Apr-14	Y	0	3	3	13-Jan-14	N		LOWER LIMBS WEAKNESS AFP	1847	7	SL3	Waiting rRTPCR for VDPV screening
2	KHYBER *	BARA	#	FT/34/14/010	01-May-14	27	M	04-May-14	Y	#	#	#		Y		*	1934	5	L20B+	
3	WAZIR-N §	MIRAN SHAH	LAWARA	FT/64/14/078	24-Apr-14	14	F	27-Apr-14	Y	0	0	0		Y	Y	POLIO	1834	4	P2	Discardant ☐
4	WAZIR-S	WANA	ZIARI NOOR	FT/65/14/007	20-Apr-14	22	F	27-Apr-14	Y	0	0	0	27-Apr-14	Y	Y	HEMIPLEGIA	1824	6	L20B+	
5	MARDAN	MARDAN	GUWAR JARHI	KP/40/14/033	20-Apr-14	22	F	27-Apr-14	Y	3	7+	6	19-Apr-14	N	N	ATEXIA	1800	8	SL3	Waiting rRTPCR for VDPV screening
6	NOWSHERA §	NOWSHERA	ZARA MIANA	KP/32/14/017	19-Apr-14	16	M	28-Apr-14	Y	3	7+	6	25-Mar-14	N		HYPOCALEMIA	1848	7	SL1,3	Waiting rRTPCR for VDPV
Reported urgent (by field / NSC criteria)																				
7	ZHOBI *	KAKAR KHURASAN	SHAGHALOOD	BN/21/14/002	26-Apr-14	14	F	30-Apr-14	Y	0	0	0		Y	Y	MALNUTRITION/TUBERCULOSIS	1969	4	UP	REFUSAL
8	WAZIR-N *	MIRAN SHAH	LAND	FT/64/14/079	27-Apr-14	22	M	01-May-14	Y	0	0	0		Y	Y	POLIO	1921	6	UP	
9	WAZIR-N *	MIRAN SHAH	SPULGA	FT/64/14/080	24-Apr-14	12	F	02-May-14	Y	0	0	0		Y	Y	POLIO	1922	6	UP	
10	WAZIR-N *	MIRAN SHAH	DERPA KHEL	FT/64/14/081	28-Apr-14	6	F	03-May-14	Y	1	0	0	30-Dec-1899	Y	Y	POLIO	1920	6	UP	
11	WAZIR-N *	MIRAN SHAH	SPIN WAM	FT/64/14/082	28-Apr-14	6	F	05-May-14	Y	0	0	0		Y	Y	POLIO MYELITIS / GBS	1929	6	UP	
12	PESHAWAR	PESHAWAR	MEHAL TERRAI-	KP/30/14/044	20-Apr-14	11	M	30-Apr-14	Y	3	1	1	09-Feb-14	Y	N	POLIO MYELITIS	1890	8	UP	REFUSAL
13	JAMSHORO *	MANJHAND	LAKHA	SD/25/14/011	09-Apr-14	6	F	29-Apr-14	N	2	3	3	24-Mar-14	N	Y	TRAUMATIC NEURMS	1924	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 ☐ Pending for genomic sequencing

Comparison environmental sampling results 2013-14*

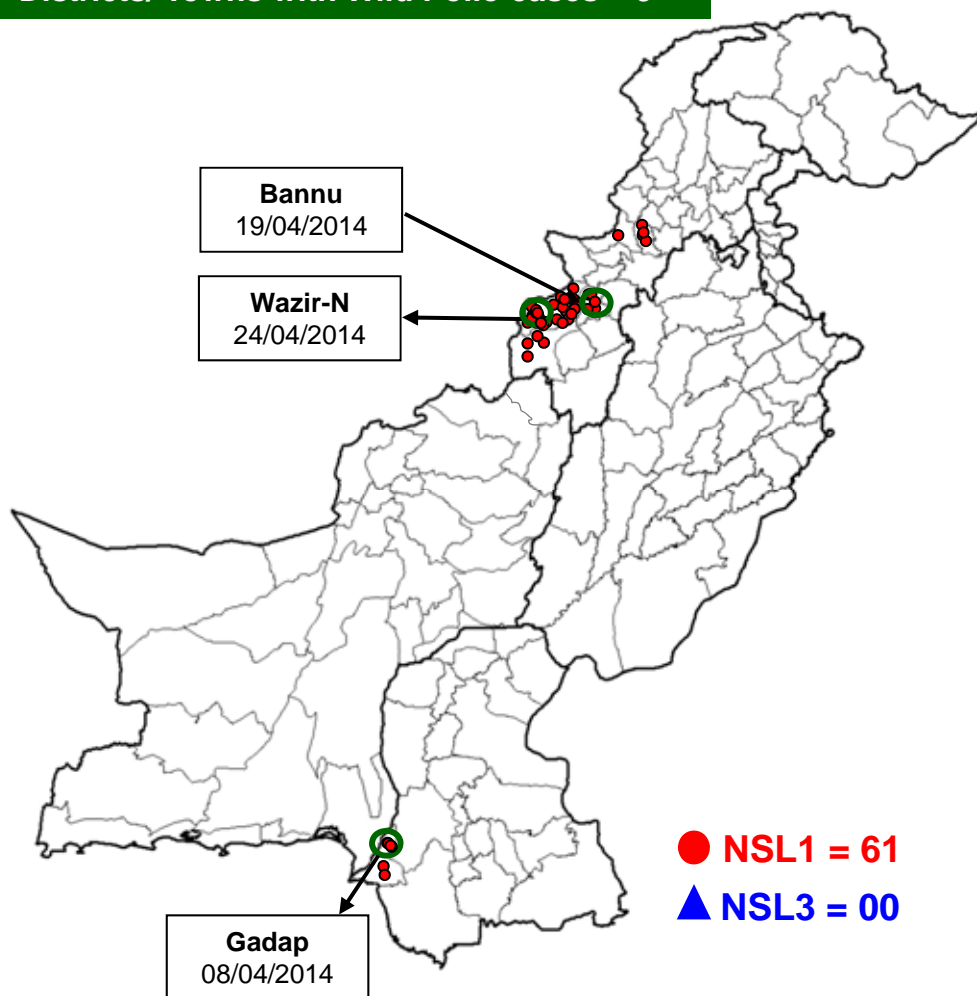
DISTRICT	2013			2014			Last
	TOTAL	WILD		TOTAL	WILD		
	n	n	%	n	n	%	
LAHORE	21	0	0%	21	3	14%	12-Apr-14
MULTAN	13	0	0%	15	0	0%	09-Dec-13
RAWALPINDI	4	1	25%	6	1	17%	28-Jan-14
FAISALABAD	14	1	7%	14	0	0%	03-Jan-13
KHIGIQBAL	9	0	0%	8	7	88%	15-Apr-14
KHIGADAP	10	3	30%	12	7	58%	10-Apr-14
KHIBALDIA	9	0	0%	8	4	50%	20-Mar-14
SUKKUR	9	0	0%	9	0	0%	05-Sep-12
HYDERABAD	4	4	100%	5	0	0%	12-Aug-13
PESHAWAR	8	7	88%	8	4	50%	10-Apr-14
QUETTA	11	1	9%	12	2	17%	31-Mar-14
PAKISTAN	112	17	15%	118	28	24%	15-Apr-14

* Data as of 12-05-2014

Data source Polio RRL

Map1: Distribution of Wild Polio cases Pakistan 2014*

Districts/ Towns with Wild Polio cases = 9



Province/ Country	Date of Last Case		Number of cases 2013	
	P1	P3	P1	P3
PUNJAB	Dec, 2013	Jun, 2010	-	-
SINDH	April, 2014	Jan, 2010	5	-
KHYBER- PAKHTUNKHWA	April, 2014	Oct, 2010	9	-
FATA	April, 2014	Apr, 2012	47	-
BALUCHISTAN	Oct, 2012	Apr, 2010	-	-
AJK	June, 2000	Jun, 2000	-	-
GILGIT-BALTISTAN	Aug, 2012	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
PAKISTAN	April, 2014	Apr, 2012	61	-

○ District with last polio case in province

Cases randomly placed
in districts

— Provincial Boundary
— Districts Boundary

* Afp.rec Data as of 08-05-2014

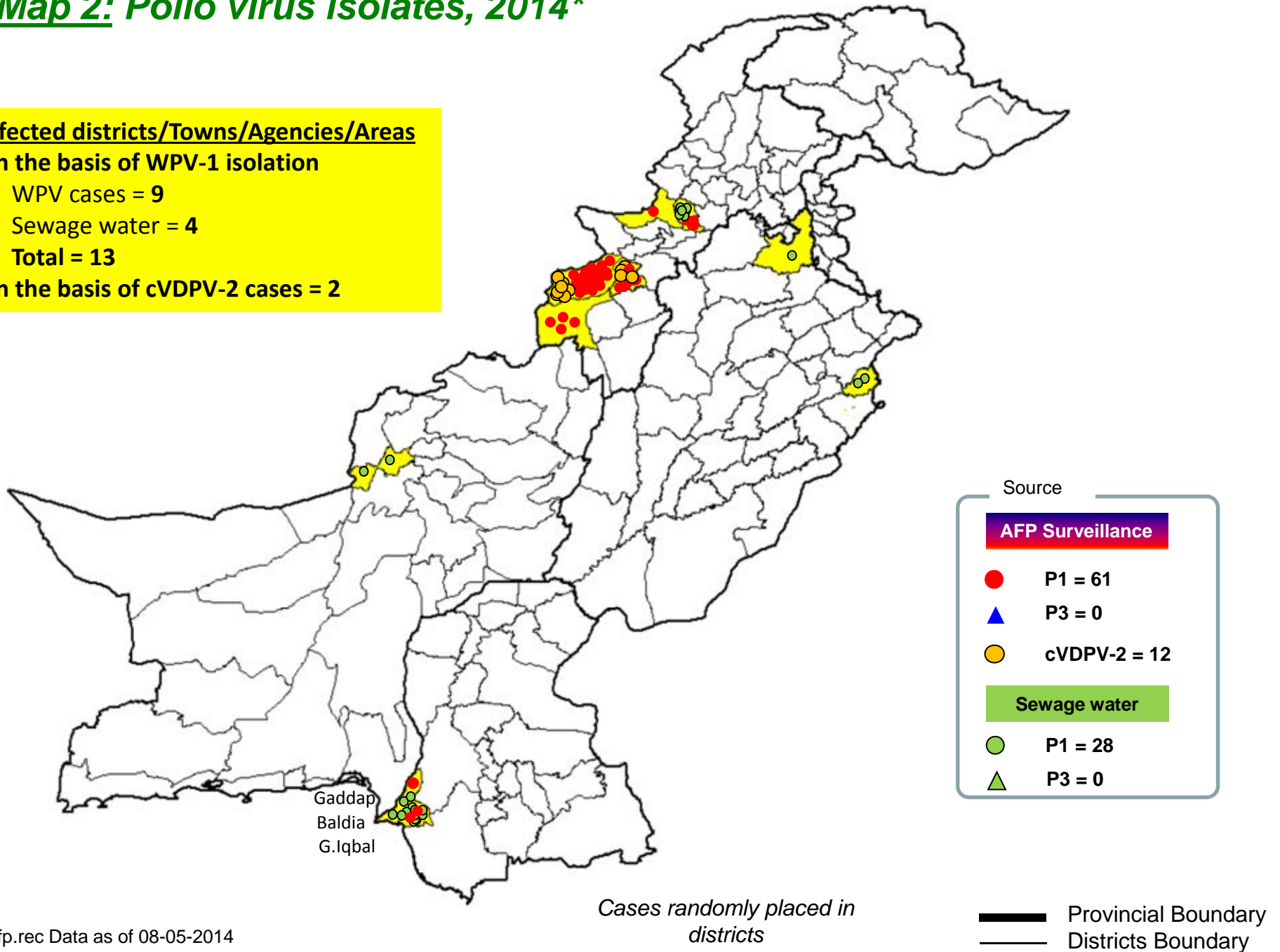
Map 2: Polio virus isolates, 2014*

Infected districts/Towns/Agencies/Areas

On the basis of WPV-1 isolation

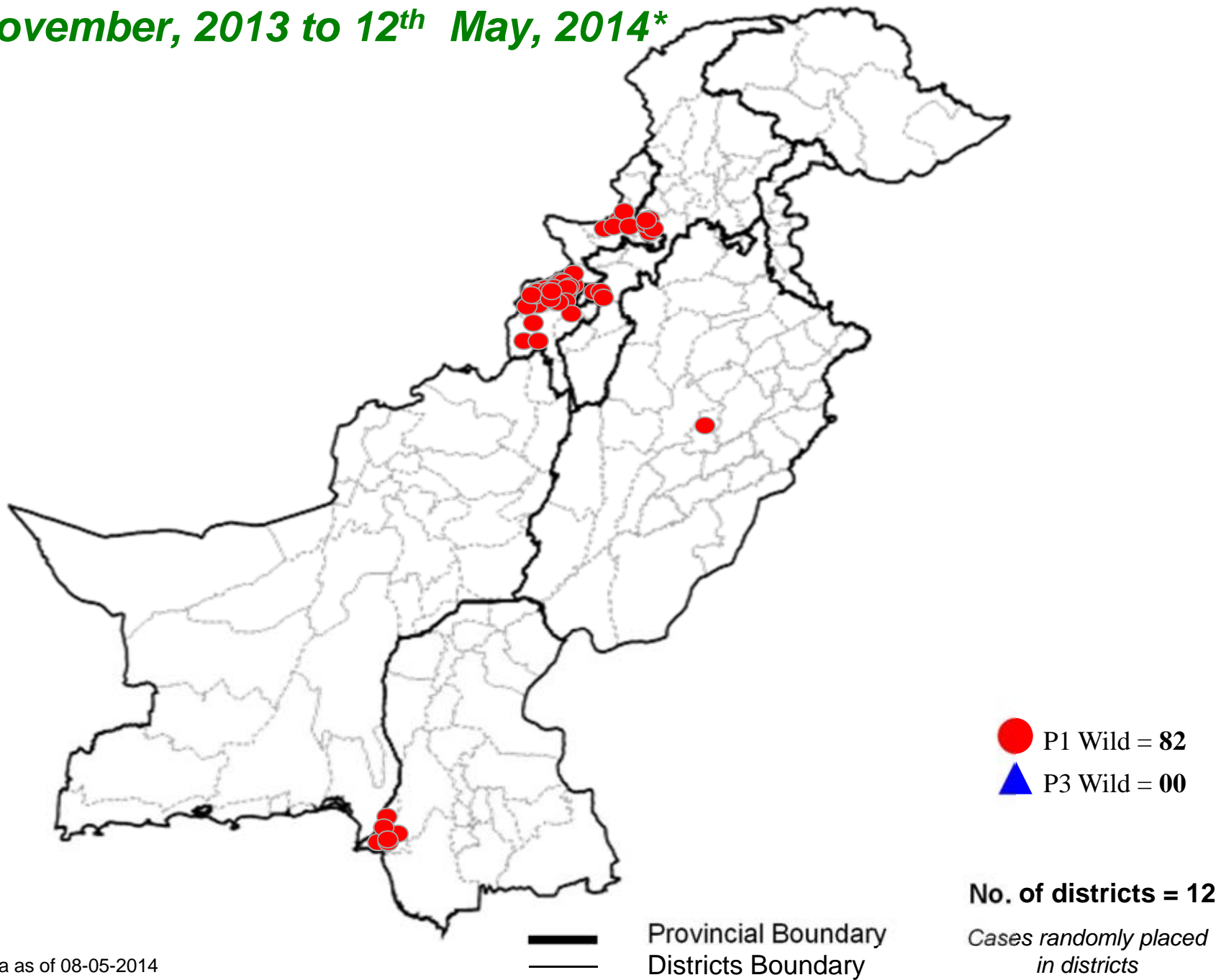
- WPV cases = 9
- Sewage water = 4
- Total = 13

On the basis of cVDPV-2 cases = 2



* Afp.rec Data as of 08-05-2014

Map 3: Wild Polio cases in the last 6 months from 13th November, 2013 to 12th May, 2014*



* Afp.rec Data as of 08-05-2014

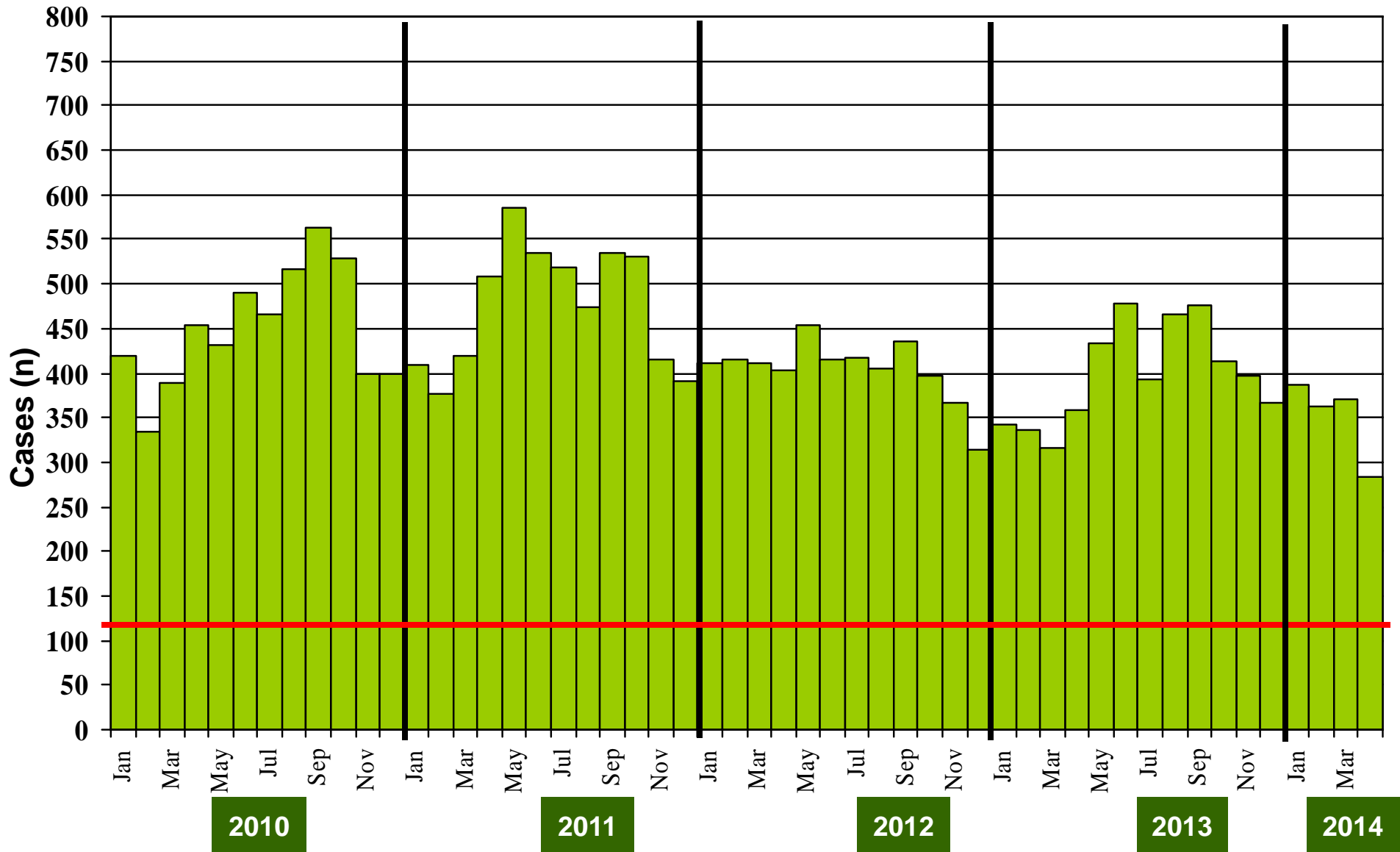
**Table 4: Distribution of AFP Cases By Week of Onset ^
Pakistan 2013-14* [Week number/Ending on]**

PROVINCE	W 04 25 Jan 2014	W 05 01 Feb 2014	W 06 08 Feb 2014	W 07 15 Feb 2014	W 08 22 Feb 2014	W 09 01 Mar 2014	W 10 08 Mar 2014	W 11 15 Mar 2014	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
PUNJAB	52	37	39	42	34	46	39	32	50	40	35	32	58	47	12
SINDH	19	8	20	23	17	20	23	19	26	27	24	23	18	19	7
KP	19	19	24	12	23	18	17	19	19	15	15	15	20	19	6
FATA	6	10	11	12	6	6	8	5	7	7	7	6	4	4	1
BALUCHISTAN	7	9	2	5	5	1	3	1	2	4	0	1	0	6	1
AJK	1	0	2	1	2	1	1	0	0	0	0	0	0	0	0
GILGIT BILTISTAN	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0
ISLAMABAD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
PAKISTAN	104	83	99	95	89	92	91	76	104	93	81	77	101	95	27

* Afp.rec & Afplab.rec: Data as of 08-05-2014

^ MMWR Epidemiological Weeks

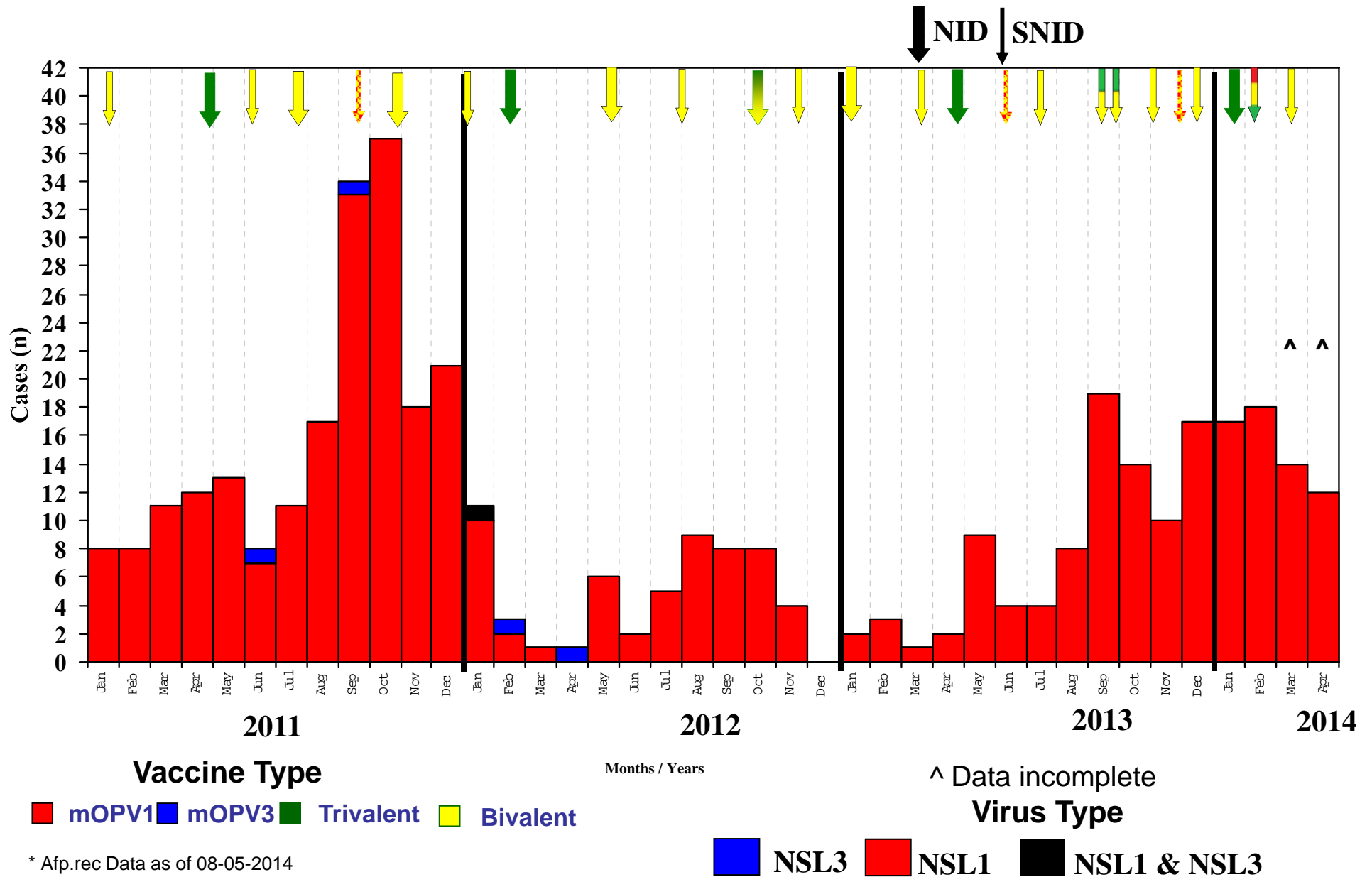
Graph 1: Distribution of AFP Cases by Month, Pakistan 2010-2014*



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

* Afp.rec Data as of 08-05-2014

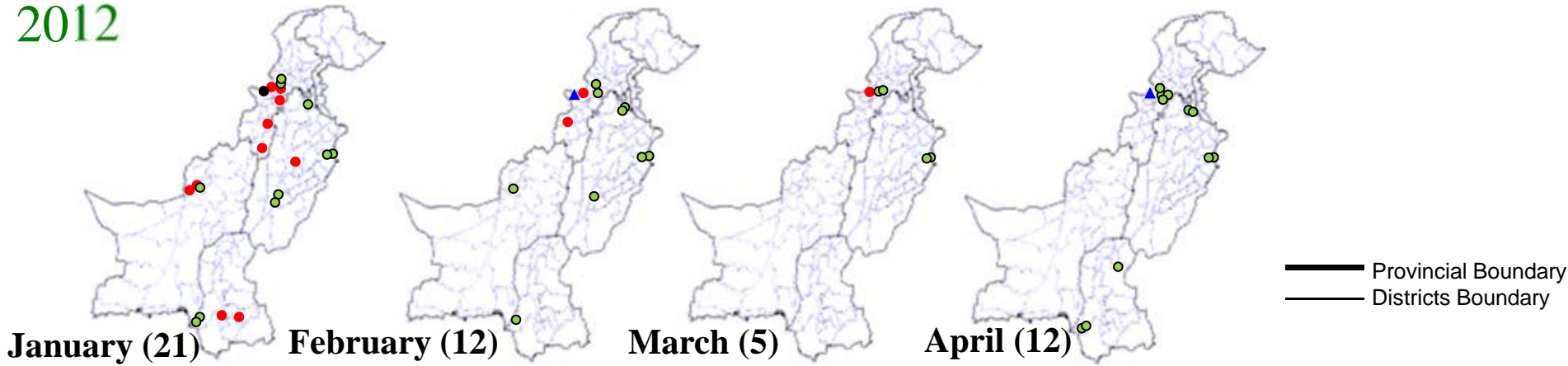
Confirmed Polio Cases By Poliovirus Type, 2011-2014*



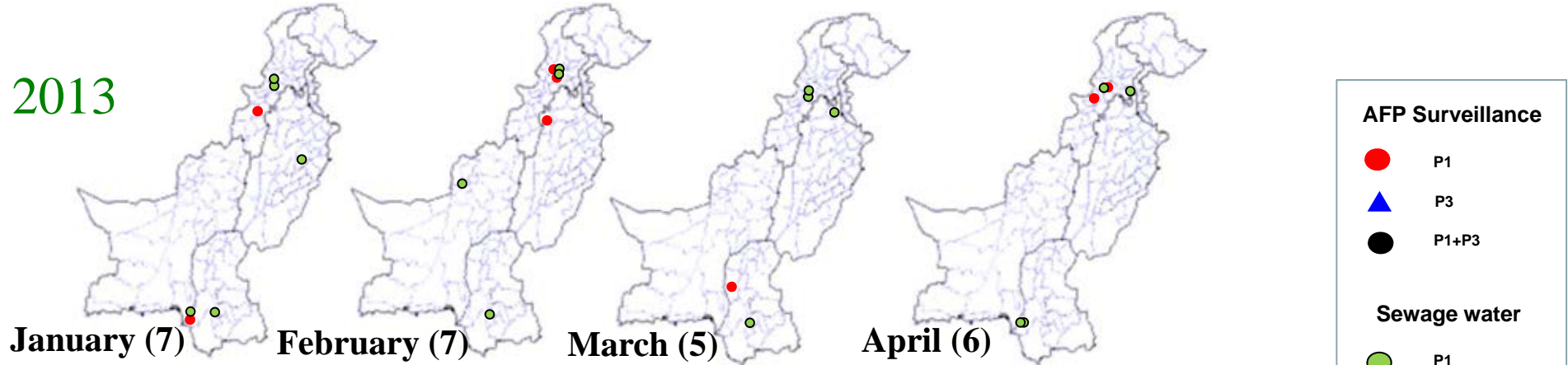
* Afp.rec Data as of 08-05-2014

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

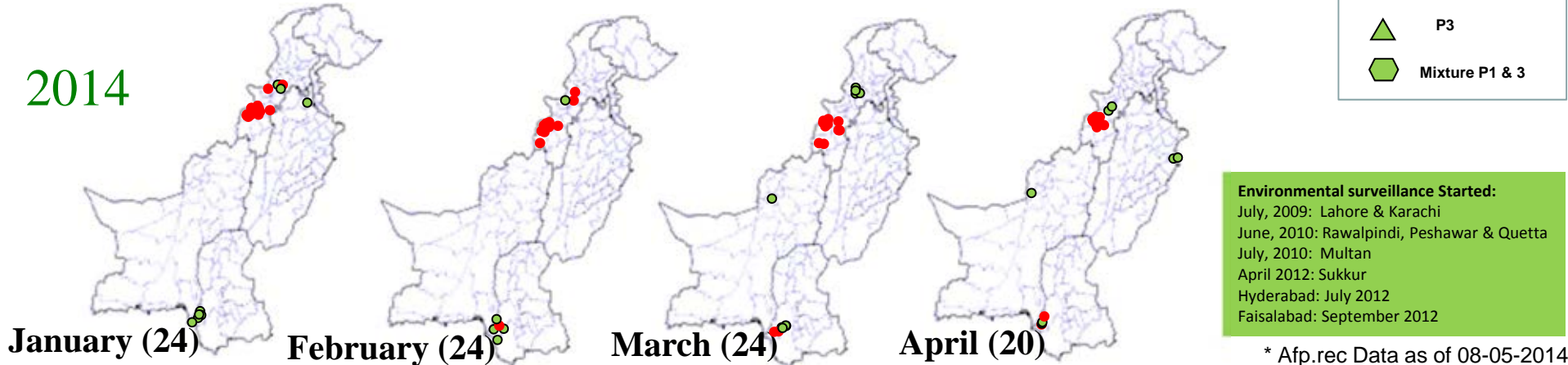
2012



2013



2014



AFP Surveillance

- P1
- ▲ P3
- P1+P3

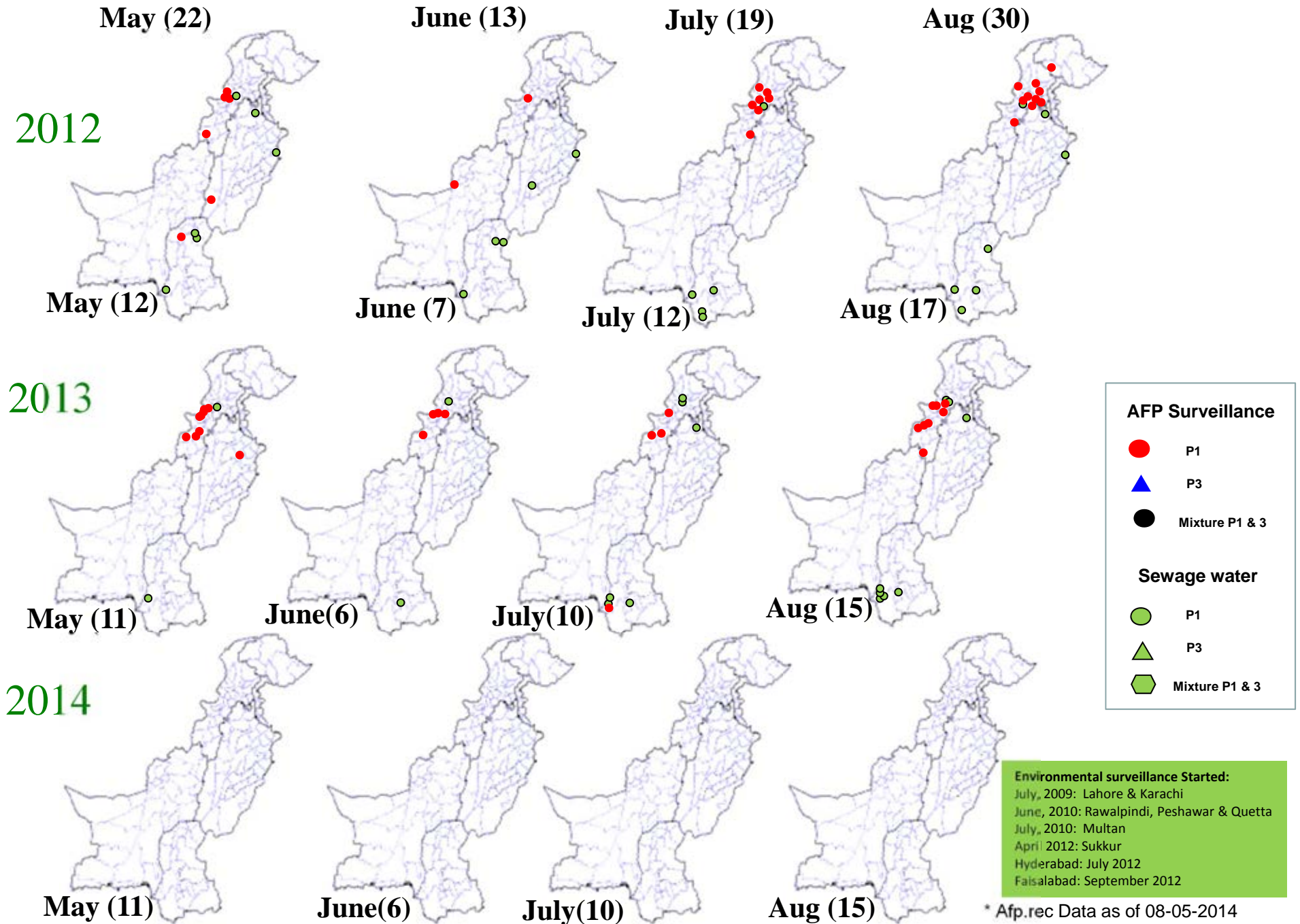
Sewage water

- P1
- ▲ P3
- ◈ Mixture P1 & 3

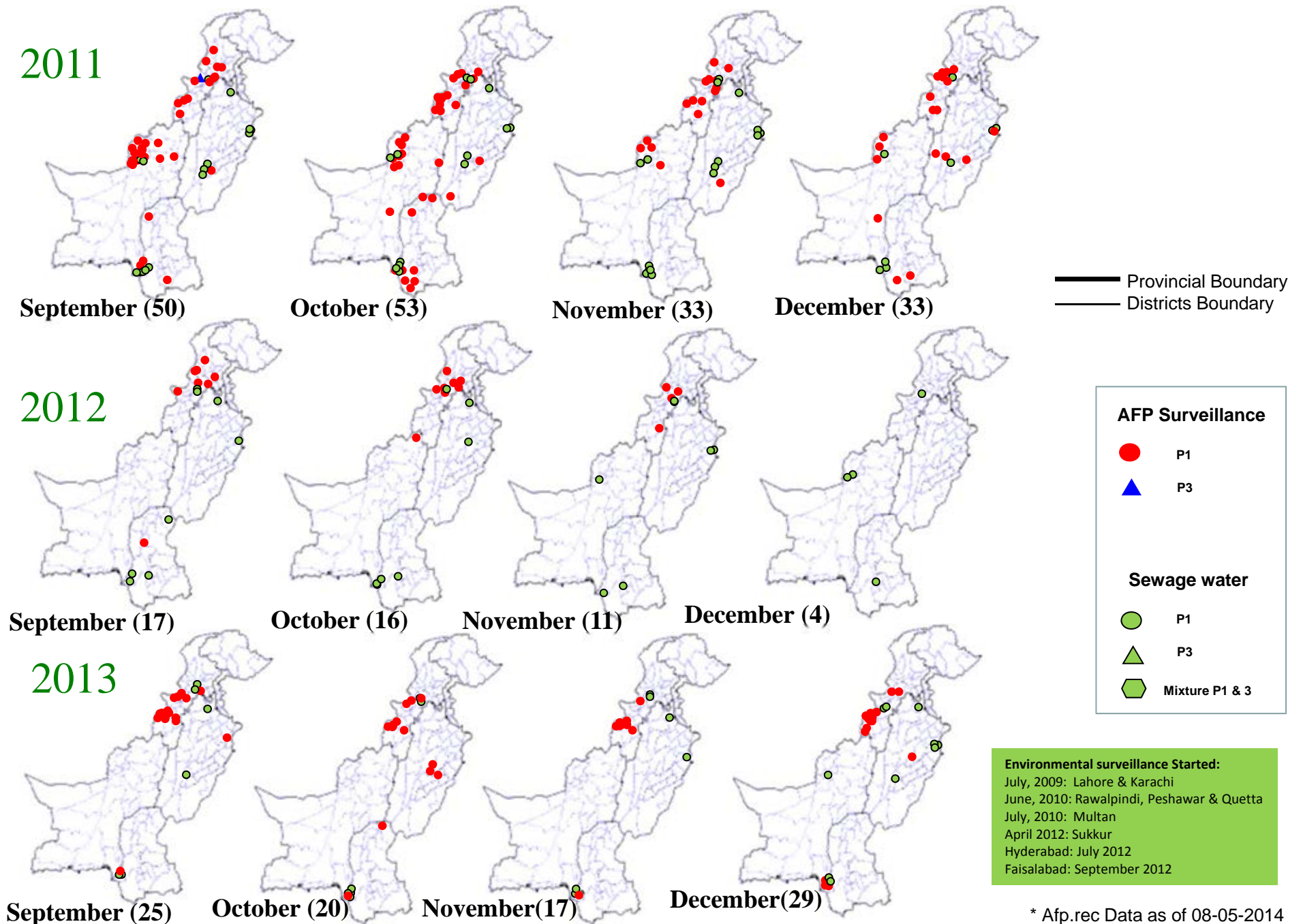
Environmental surveillance Started:
 July, 2009: Lahore & Karachi
 June, 2010: Rawalpindi, Peshawar & Quetta
 July, 2010: Multan
 April 2012: Sukkur
 Hyderabad: July 2012
 Faisalabad: September 2012

* Afp.rec Data as of 08-05-2014

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



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

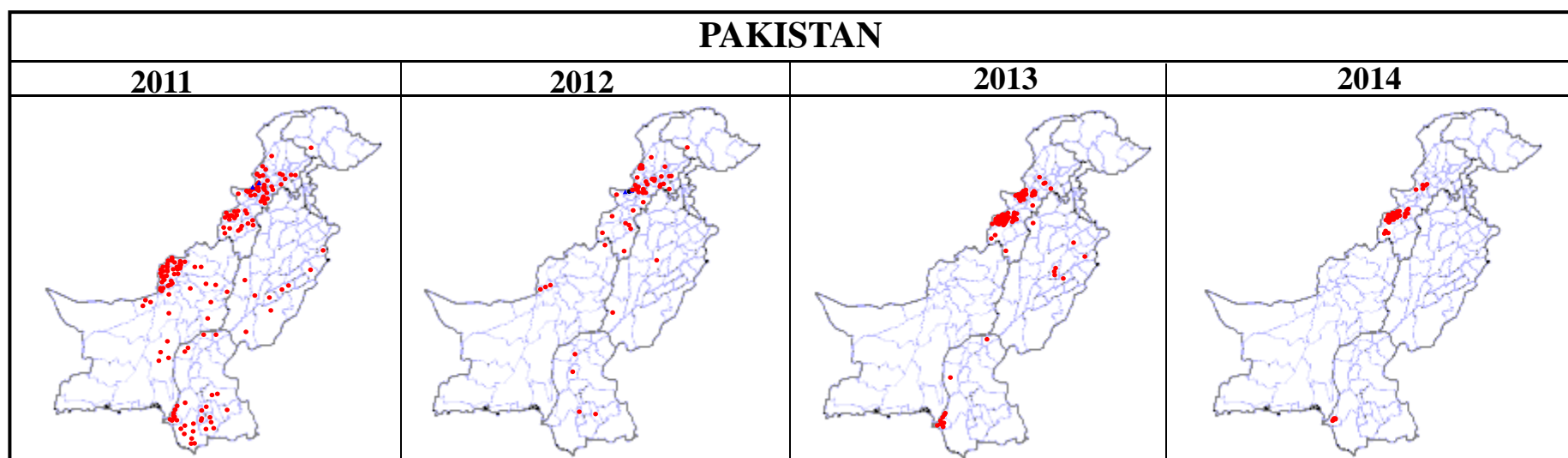


* Afp.rec Data as of 08-05-2014

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	10	5	0	-	-	-	33	4	10	5
KP	23	27	11	9	0	-	-	-	23	27	11	9
FATA^	57	17	65	47	2	2	-	-	59	20^	65	47
BALUCHISTAN	73	4	-	-	0	-	-	-	73	4	-	-
AJK	0	-	-	-	0	-	-	-	0	-	-	-
Gilgit-Baltistan	1	1	-	-	0	-	-	-	1	1	-	-
ISLAMABAD	0	-	-	-	0	-	-	-	0	-	-	-
PAKISTAN	196	55	93	61	2	2	-	-	198	58	93	61

^ FATA reported mixture of NSL1 & NSL3



* Afp.rec Data as of 08-05-2014

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

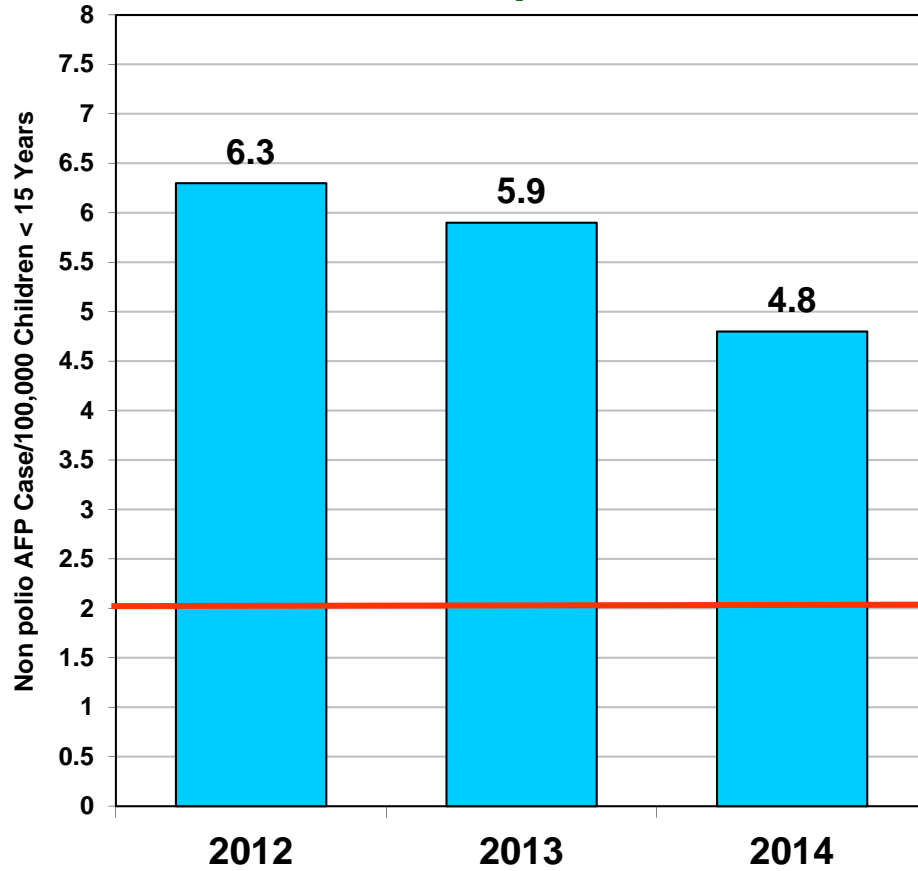
REGION	0 dose				1-2 doses				3 doses				4-6 doses				7+ doses			
	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14	11	12	13	14
Central Punjab	0%	0%	0%	1%	1%	0%	0%	0%	2%	0%	1%	3%	6%	4%	7%	3%	92%	95%	91%	94%
North Punjab	0%	0%	0%	0%	1%	0%	0%	3%	1%	0%	0%	1%	5%	4%	4%	4%	93%	96%	96%	91%
South Punjab	0%	0%	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%	2%	93%	96%	93%	95%
Karachi	4%	1%	1%	8%	1%	1%	5%	0%	0%	2%	0%	5%	6%	6%	6%	0%	86%	90%	88%	88%
North Sindh	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	0%	5%	4%	5%	6%	94%	94%	95%	94%
South Sindh	1%	0%	0%	0%	1%	1%	0%	0%	0%	2%	1%	0%	6%	4%	7%	5%	96%	93%	91%	95%
SINDH	1%	0%	0%	1%	1%	1%	1%	0%	0%	1%	0%	1%	6%	4%	6%	4%	92%	93%	92%	93%
Central Khyber Pakhtunkhwa	1%	2%	2%	0%	1%	1%	1%	0%	0%	0%	1%	2%	3%	2%	2%	4%	95%	95%	95%	93%
North Khyber Pakhtunkhwa	1%	2%	1%	3%	2%	2%	1%	0%	1%	2%	1%	2%	7%	9%	7%	5%	90%	85%	91%	90%
South Khyber Pakhtunkhwa	2%	2%	1%	0%	4%	1%	0%	0%	4%	1%	1%	0%	7%	9%	4%	0%	83%	87%	95%	100%
Khyber Pakhtunkhwa	1%	2%	1%	1%	2%	1%	0%	0%	1%	1%	1%	2%	5%	6%	4%	4%	91%	89%	94%	93%
FATA	14%	18%	39%	64%	10%	6%	6%	8%	5%	3%	6%	0%	11%	12%	6%	0%	61%	62%	43%	28%
North Balochistan	4%	12%	9%	14%	12%	10%	11%	0%	23%	3%	3%	14%	12%	17%	28%	0%	50%	57%	49%	71%
Quetta Block	31%	14%	8%	0%	10%	10%	8%	14%	3%	0%	0%	0%	14%	14%	21%	0%	43%	62%	64%	86%
Rest of Balochistan	7%	9%	5%	6%	2%	6%	3%	0%	5%	5%	5%	17%	10%	10%	25%	6%	76%	70%	60%	72%
BALUCHISTAN	16%	8%	6%	3%	6%	8%	6%	3%	6%	3%	4%	8%	12%	17%	20%	3%	60%	64%	64%	85%
PAKISTAN	2%	1%	3%	4%	1%	1%	1%	1%	1%	1%	1%	2%	6%	5%	6%	3%	89%	92%	89%	90%

* Afp.rec Data as of 08-05-2014

Key Surveillance Indicators; 2012-2014*

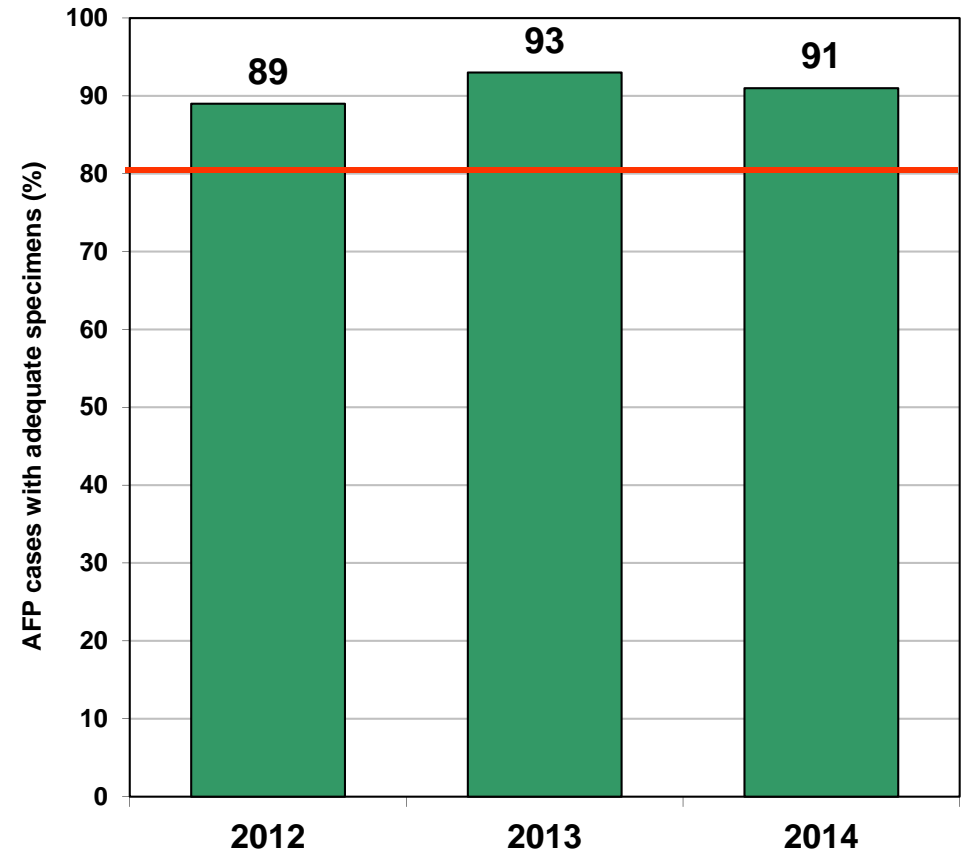
(Non polio AFP rate and % AFP cases with adequate specimens)

Graph 3



■ Non Polio AFP Rate

Graph 4



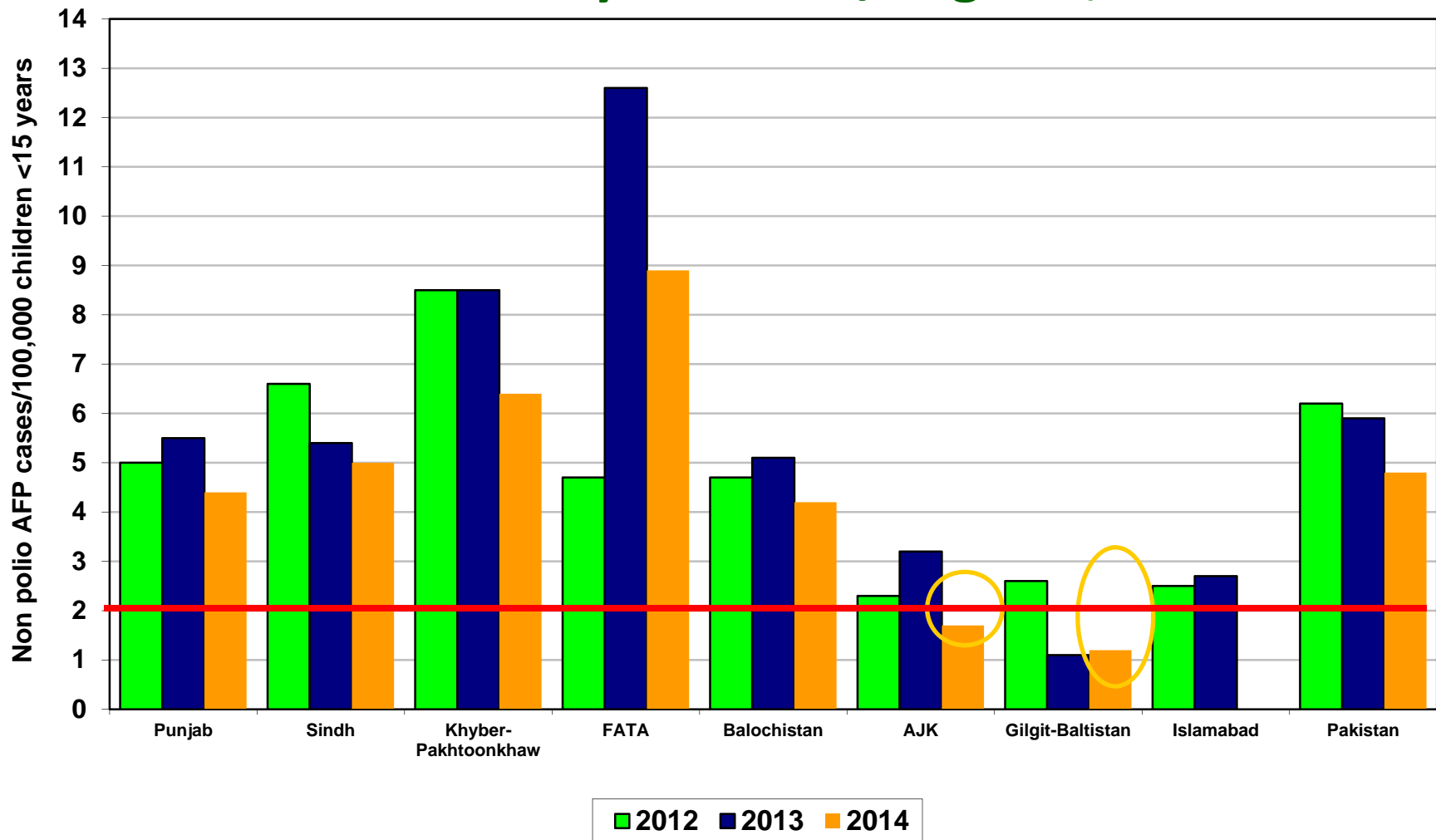
■ % AFP with Adequate Specimens

— Target

Non Polio AFP rate Up to Week No. 18 ended on 03rd May, 2014

* Afp.rec Data as of 08-05-2014

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

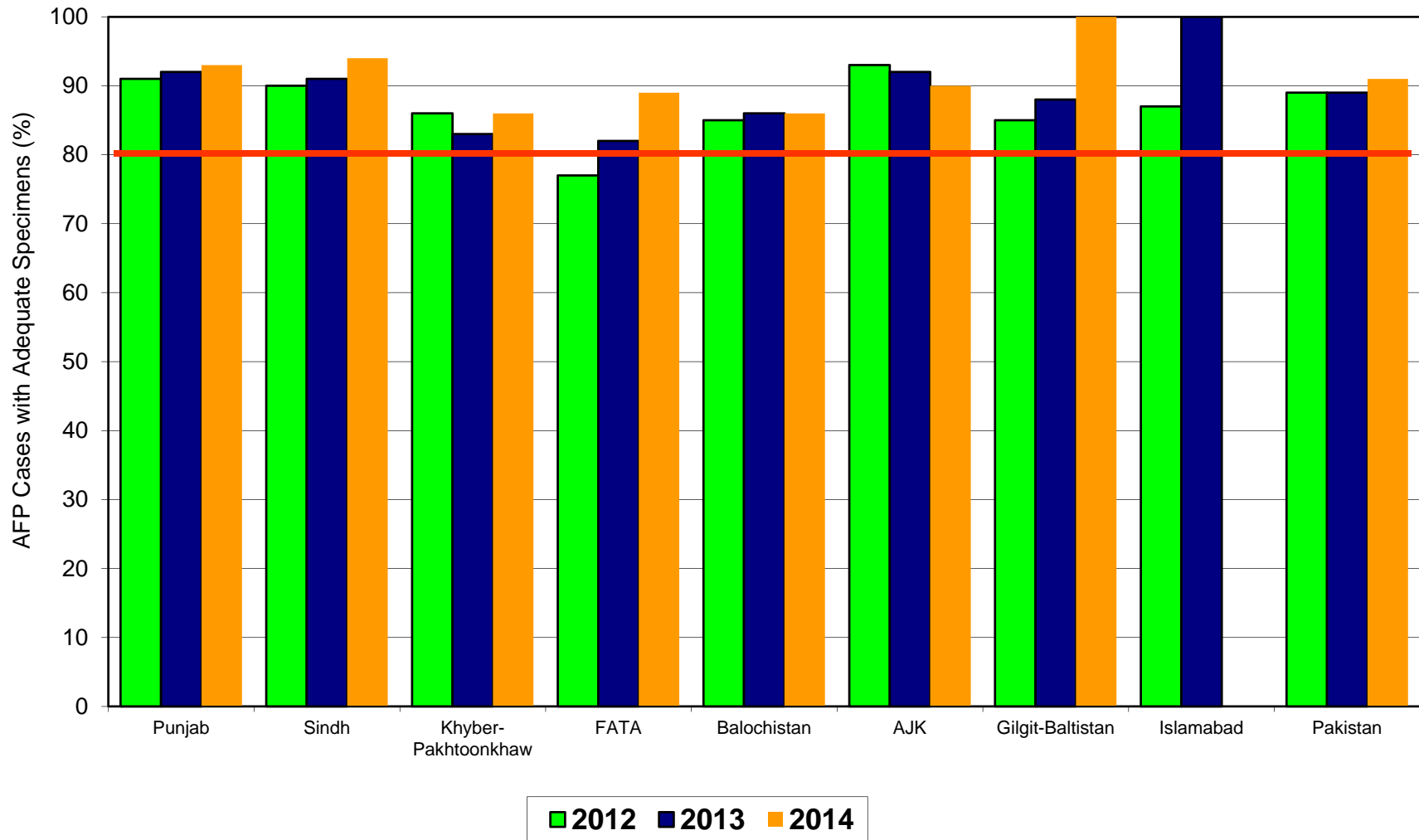


Non Polio AFP rate Up to Week No. 18 ended on 03rd May, 2014

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

* Afp.rec Data as of 08-05-2014

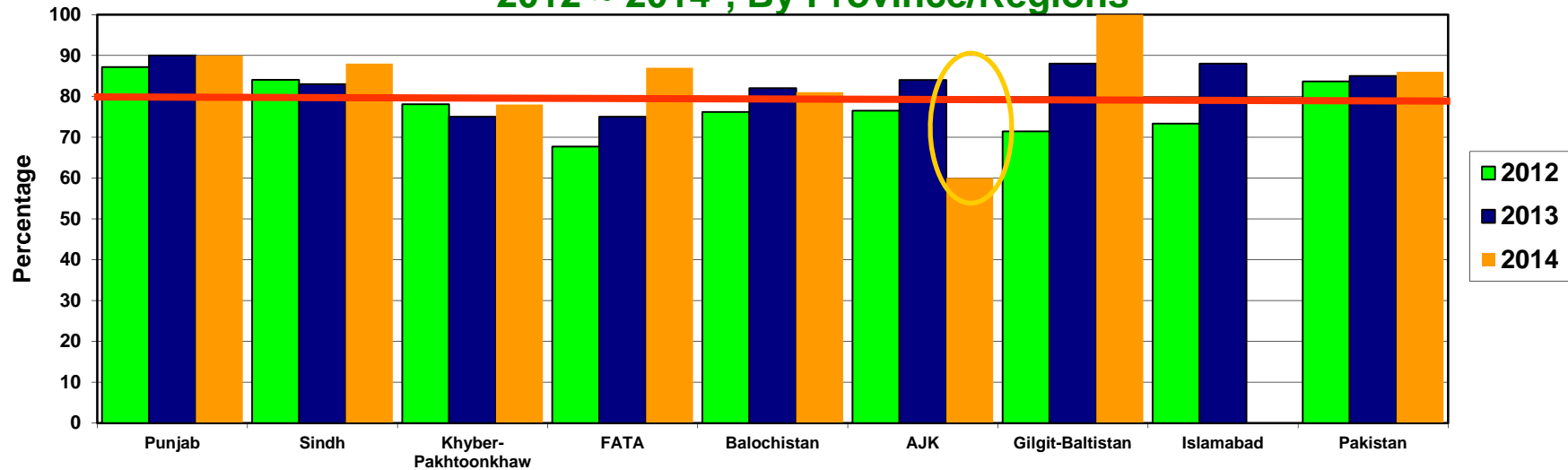
Percent AFP Cases with Adequate Specimens By Province/Regions, 2012-2014*



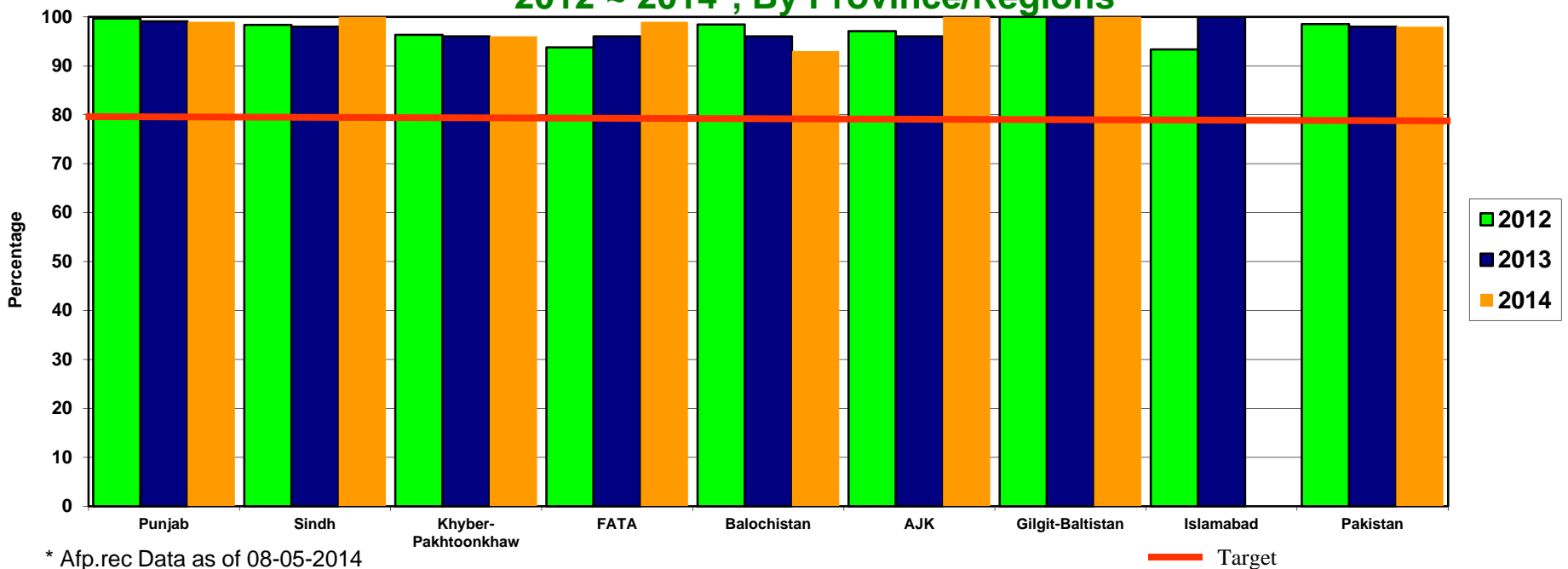
* Afp.rec Data as of 08-05-2014

 Target Adequate Sample cases = 80%

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



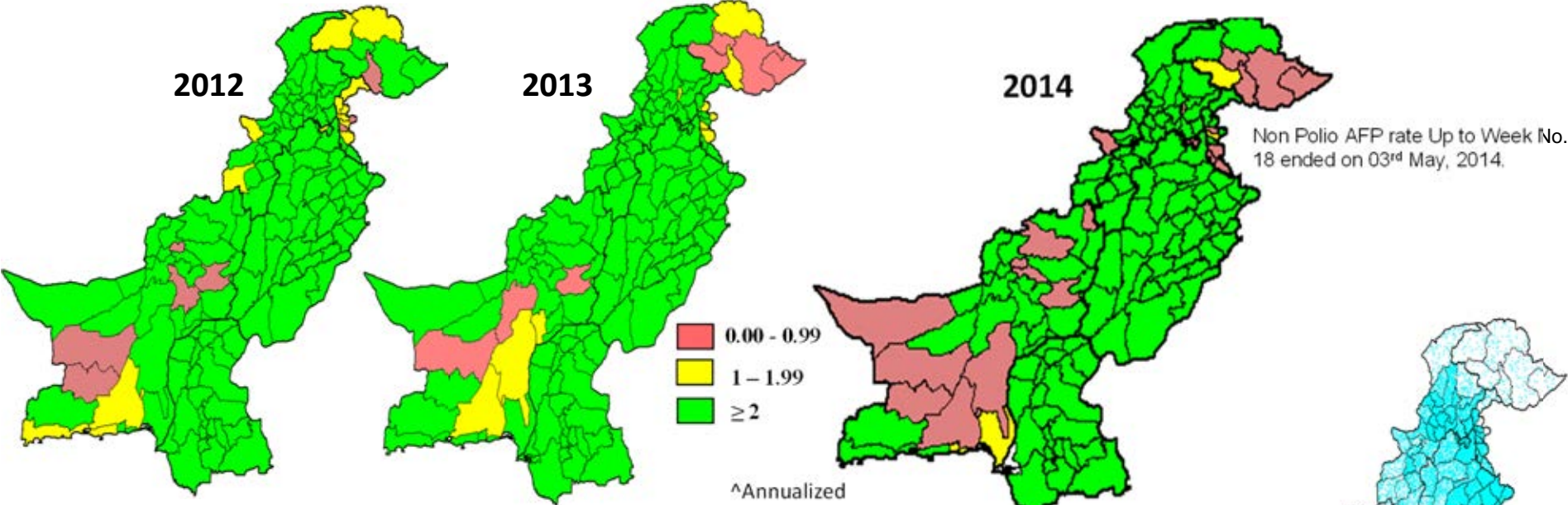
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2012 ~ 2014*, By Province/Regions**



* Afp.rec Data as of 08-05-2014

— Target

Non-Polio^ AFP Rate by District



Percent AFP Cases with Adequate Specimens, by District

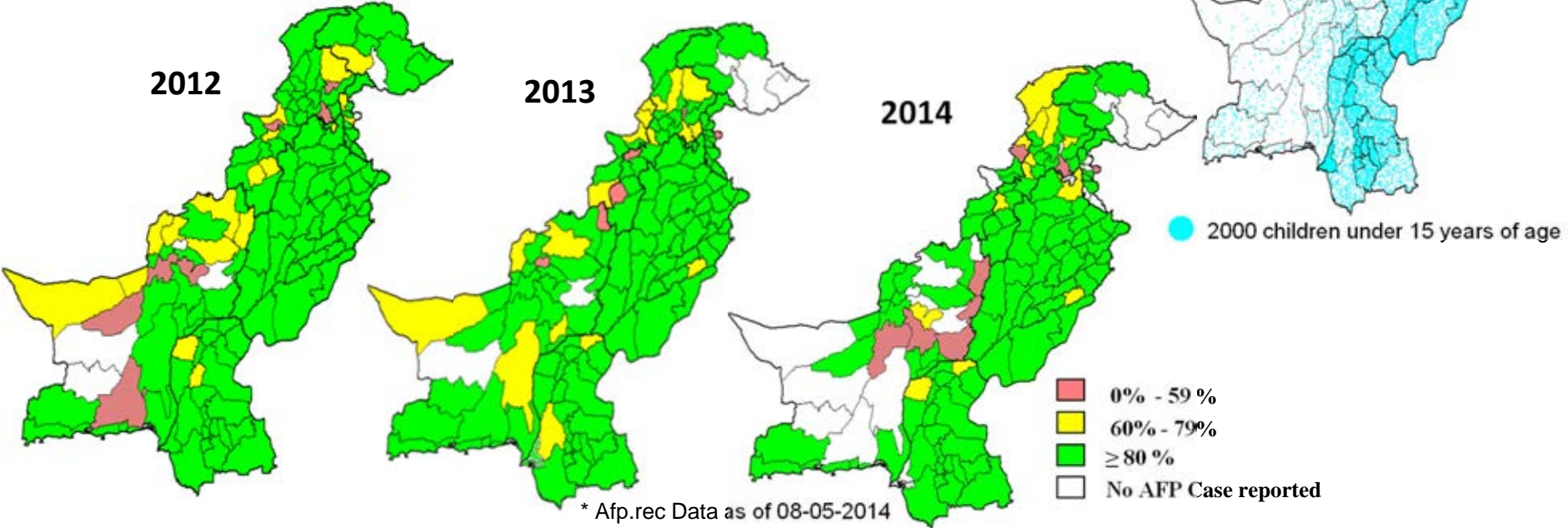


Table 7: AFP CASES PENDING FOR CLASSIFICATION WITH DATE OF ONSET MORE THAN 90 DAYS* 2013 (1/1)

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
1	KHIGADAP	GADAP	SD/63/13/021	F	10	8/23/2013	1	9/23/2013	9/24/2013	NVI	Y	Y	Y	Y	258
2	KHIGADAP	GADAP	SD/63/13/031	M	14	7/15/2013	7+	Late Notified			Y	Y	Y	Y	297
3	BAGH	BAGH	AJ/50/13/012	F	34	12/22/2013	7+	1/14/2014	1/17/2014	NVI	Y	Y	Y	Y	137
4	GHIZER	PUNIAL	GB/41/13/001	M	66	9/2/2013	7+	9/6/2013		EV	N	Y	Y	DIED	248

€ Based on recall of parents
 * Afp.rec Data as of 08-05-2014

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 (1/1)

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
1	FAISALABAD	JARANWALA	PB/51/14/024	F	132	1/5/2014	7+	Late Notified			Y	Y	Y	Y	123
2	LAHORE	GULBERG TOWN	PB/31/14/029	M	19	2/2/2014	7+	3/21/2014	3/22/2014	NVI	N	Y	Y	Y	95
3	PAKPATTEN	PAKPATTAN	PB/66/14/007	M	30	2/5/2014	7+	3/25/2014	3/27/2014	NVI	Y	Y	Y	Y	92
4	RAWALPINDI	RAWALPINDI	PB/11/14/004	M	10	1/26/2014	7+	2/12/2014		NVI	Y	Y	Y	Y	102
5	SHEIKUPURA	SHEIKHUPURA	PB/33/14/010	M	50	2/6/2014	7+	3/16/2014	3/17/2014	NVI	Y	Y	UK	Y	91
6	KHAIRPUR	KHAIRPUR	SD/43/14/003	F	72	1/28/2014	7+	Child Died Before Stool Collection			Y	Y	Y	DIED	100
7	KHIGADAP	GADAP	SD/63/14/004	M	10	1/5/2014	0	3/5/2014	3/6/2014	EV	Y	Y	Y	Y	123
8	KHIJAMSHEED	JAMSHEED	SD/66/14/001	F	121	1/14/2014	7+	1/27/2014	1/29/2014	NVI	Y	N	Y		114
9	KHIKORANGI	KORANGI	SD/68/14/001	M	23	1/5/2014	7+	Child Died Before Stool Collection			N	N	N	DIED	123
10	UMERKOT	SAMARO	SD/34/14/002	F	24	1/14/2014	7+				Y	N	Y	DIED	114
11	CHARSADA	SHABQADAR	KP/31/14/005	M	10	1/26/2014	7+	2/8/2014	2/10/2014	EV	N	Y	Y		102
12	CHARSADA	CHARSADA	KP/31/14/013	F	25	1/26/2014	7+	3/21/2014	3/23/2014	EV	N	Y	Y		102
13	CHITRAL	CHITRAL	KP/21/14/001	M	48	1/22/2014	7+	1/31/2014			Y	N	Y		106
14	DIKHAN	PAHARPUR	KP/60/14/001	F	4	2/2/2014	4	2/16/2014	2/18/2014	NVI	Y	N	Y	DIED	95
15	DIRLOWER	SAMAR BAGH	KP/23/14/004	M	9	2/1/2014	7+	2/18/2014	2/19/2014	NVI	Y	Y	N	Y	96
16	HARIPUR	HARIPUR	KP/12/14/001	M	18	1/6/2014	7+	2/19/2014	2/21/2014	NVI	Y	Y	Y	Y	122
17	KOHAT	KOHAT	KP/50/14/006	F	54	2/1/2014	7+	3/2/2014	3/3/2014	NVI	Y	N	Y		96
18	PESHAWAR	PESHAWAR	KP/30/14/007	F	18	1/30/2014	5	Child Died Before Stool Collection			Y	Y	Y	DIED	98
19	BARKHAN	BARKHAN	BN/23/14/001	M	36	1/19/2014	3	1/30/2014		NVI	Y	Y	UK	DIED	109
20	DBUGTI	DERA BUGTI	BN/35/14/001	M	33	1/20/2014	7+	2/22/2014	2/23/2014	NVI	Y	Y	Y		108
21	JAFARABAD	JHAT PAT	BN/43/14/005	F	14	2/5/2014	7+	2/19/2014	2/21/2014	NVI	Y	Y	Y	Y	92
22	KALAT	KALAT	BN/53/14/001	M	120	2/1/2014	7+	3/1/2014	3/4/2014	NVI	N	Y	Y		96
23	FR BANNU	FR BANNU	FT/69/14/011	M	8	2/3/2014	0	2/20/2014	2/21/2014	NVI	Y	Y	Y		94
24	KHYBER	JAMRUD	FT/34/14/008	M	30	1/7/2014	7+	2/9/2014	2/11/2014	NVI	Y	Y	Y		121
25	WAZIR-N	MIRAN SHAH	FT/64/14/044	M	12	1/27/2014	0	3/2/2014	3/3/2014	VACC	Y	Y	Y		101

€ Based on recall of parents
* Afp.rec Data as of 08-05-2014

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.