



**World Health
Organization**

**Weekly
AFP Surveillance Update
Pakistan**

Week 36 (*Ended on 8th Sep, 2018*)

National Surveillance Cell

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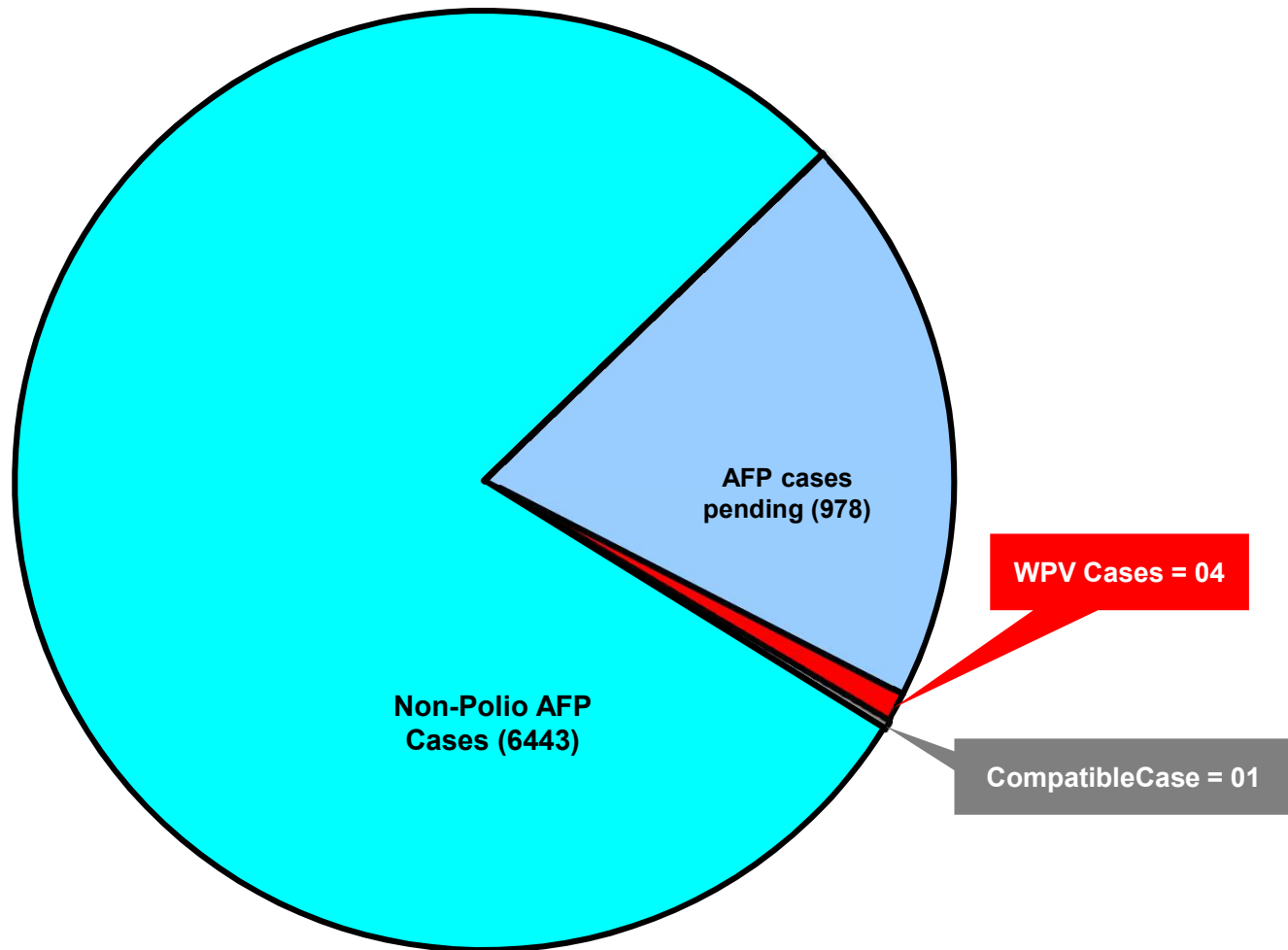
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AFP Surveillance



<http://www.emro.who.int/pak/information-resources>

AFP Case Profile, 2018*



Total AFP Cases Reported = 7426

^ 258 Inadequate cases not due for FUP

^ 720 AFP Cases pending in Lab

^101 AFP Cases pending for classification by ERC

* Afp.rec Data as of 10-09-2018

Table 1.1: List of Confirmed Polio Cases, Pakistan 2018* (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	Asymetric Paralysis	Rapid Progression	REFUSAL	WPV TYPE	GENETICS
								Routine	SIA's						Cluster
01	BALUCHISTAN	DUKI	DUKI	BN/65/18/003	M	38	08-Mar-18	0	7+	Y	Y	Y	N	NSL1	R4B5C4
02	BALUCHISTAN	DUKI	DUKI	BN/65/18/005	F	18	15-Apr-18	0	7	Y	Y	Y	N	NSL1	R4B5C4D
03	BALUCHISTAN	DUKI	DUKI	BN/65/18/007	M	18	18-May-18	0	3	Y	Y	Y	N	NSL1	R4B5C4D
04	KPAKHTUNKHW	CHARASADA	CHARASADA	KP/31/18/100	M	19	1-Aug-18	3	7+	Y	Y	Y	N	NSL1	R4B5C5B2

* Afp.rec Data as of 10-09-2018

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

S.#	District	Tier	Tehsil	Basic information						OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks	
				Union council	Epid number	Date of Onset	Age (M)	Sex	Date of 1st stool	Stool Adeq	Ri	SAs	Last 6 SAs	Last dose	Field		NSC	Lab No.	Days Inoc		Culture update
Isolates pending for ITSD																					
1	KHIMAUER *	4	MAUR	MODEL	SD/72/18/016	24-Aug-18	8	F	01-Sep-18	Y	1	1	1	06-Jul-18	Y	N	ENCEPHALITIS	10121	1	L20B+	REFUSAL
Reported urgent (by field / NSC criteria)																					
2	BAGH	4	DHIR KOT	MAKHIALA	AJ/50/18/027	13-Aug-18	17	M	25-Aug-18	N	0	6	6	10-Apr-18	N	Y	GBS	9620	13	UP	
3	GWADUR	4	PASNI	KALMAT	BN/62/18/005	18-Aug-18	10	M	25-Aug-18	Y	3	3	3	10-Apr-18	N	Y	HYPOCALEMIA	9997	9	UP	
4	KHILANDHI	4	LANDHI	MUSLIMABAD -	SD/69/18/031	11-Aug-18	27	M	20-Aug-18	Y	1	3	3	06-Aug-18	N	Y	HYPOCALEMIA	9778	12	UP	REFUSAL
5	KHILANDHI	4	LANDHI	LANDHI - 8	SD/69/18/033	12-Aug-18	7	F	22-Aug-18	Y	3	2	2	03-Jul-18	N	Y	SYNDROME	9763	12	UP	REFUSAL

* 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

Point in time comparison of Polio Cases by Province/Region 2017 - 2018*

Region/ Province	No. of polio cases		No. of infected districts/towns		Most recent polio case
	2017	2018	2017	2018	
Balochistan	1	3	1	1	18-May-18
Sindh	1	0	1	0	09-Nov-17
Khyber Pakhtunkhwa	1	1	1	1	1-Aug-18
KP-TD	0	0	0	0	27-Jul -16
G-Baltistan	1	0	1	0	13-Feb-17
Punjab	1	0	1	0	28-Jan-17
Pakistan	5	4	5	2	1-Aug-18

Twenty additional district / town declared infected based on environmental samples in 2018

* Afp.rec Data as of 10-09-2018

Environmental Surveillance Results, Pakistan (Last 52 Weeks)

Sites	Proportion of WPV samples										2017												2018												
	2014					2015					2016					2017					2018					2019					2020				
	%	%	%	%	n	%	%	%	%	n	%	%	%	%	n	%	%	%	%	n	%	%	%	%	n	%	%	%	%	n	%	%	%	%	n
CORE RESERVOIRS	23	8	8	6	10	22	162	29	59																										
BALOCHISTAN	48	31	29	29	34	12	59	17	11																										
QUETTA	42	42	29	26	12	17	33	21	7																										
Jam-e-Salfia	25	33	13	50	6	29	2	27	3																										
Killi Jattak	42	58	0	0	1	43	3	27	3																										
Surpul	58	33	38	25	3	0	0	9	1																										
Railway Pul site (RP)			38	17	2	0	0	0	0																										
KABDULAH	83	13	25	54	13	7	17	14	3																										
Army Kaziba	100	18	17	67	8	13	1	18	2																										
Hadi Packet	50	8	33	42	5	0	0	9	1																										
PISHIN																																			
TURWA Pishin			50	42	5	0	0	9	1																										
KP	59	20	12	5	8	75	16	63	15																										
PESHAWAR	59	35	27	35	8	75	16	63	15																										
Lara Ma	50	31	8	0	0	50	4	33	4																										
Shaheen Town	67	67	75	67	8	100	8	92	11																										
Naray Khwar Palosi Pul						0	0	0	0																										
KARACHI	47	28	10	33	49	19	87	29	33																										
KHI (BALDIA)	50	8	4	18	2	13	9	18	2																										
Muhammad Khan Colony				18	2	13	1	18	2																										
KHI (G.IQBAL)	54	27	8	27	6	0	16	9	2																										
Chakora Nulla	42	17	0	36	4	0	0	8	1																										
Rashid Minhas Rd	67	40	17	18	2	0	0	9	1																										
KHI (GADAAP)	51	33	11	62	21	39	24	49	17																										
Khamiso Goth	42	25	8	27	3	0	0	8	1																										
Macchar Colony	45	50	17	83	10	75	6	83	10																										
Sorab Goth	67	50	8	73	8	43	3	55	6																										
KHI (LANDHI)	17	64	7	43	8	55	6																												
Bakhtawar Village	17	64	7	43	3	55	6																												
KHI (KORANGI)	0	9	1	0	7	10	1																												
Composit Korangi Nalla	0	9	1	0	0	10	1																												
KHI (SITE)	0	45	5	13	9	36	4																												
Orangi Nalla	0	45	5	13	1	36	4																												
KHI (SADDAR)	0	45	5	0	7	0	0																												
Hijrat Colony PIDC Nalla	0	45	5	0	0	0	0																												
KHI (LIAQUAT)	0	45	5	14	7	14	1																												
Haji Mureed Goth	0	45	5	14	1	14	1																												

■ WPV1 (GRAB)
 ◆ WPV1 (BMFS)
 ■ Negative (Grab)
 ◆ Negative BMFS
 ● aVDPV2 + Positive
 ● aVDPV2 + Negative
 ■ VDPV2 + Negative
 ■ VDPV2 + Positive
 cVDPV2
 Under process

Table 2: LAB Update 2018*

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	1010	843	0	0	76	8	91	9%	0	1010	100%
February	893	714	0	0	74	8	105	12%	0	893	100%
March	968	767	0	0	28	3	172	18%	1	967	100%
April	984	735	0	0	31	3	218	22%	1	984	100%
May	992	722	0	0	30	3	239	24%	1	991	100%
June	783	583	0	0	18	2	182	23%	0	783	100%
July	918	568	18	0	27	3	305	33%	0	900	98%
Aug	781	211	430	1	24	3	119	15%	1	354	45%
Sept	10	0	10	0	0	0	0	0%	0	0	0%
Total	7339	5143	458	1	308	4	1431	19%	04	6882	94%

* Data as of Sep 10, 2018

Comparison of Environmental Sampling Results, 2017-18*

DISTRICT	2017					2018					Last
	TOTAL	WILD			TOTAL	WILD					
	n	GRAB	BMFS	TOTAL		n	GRAB	BMFS	TOTAL		
		n	n	n	%		n	n	n	%	
LAHORE	42			0	0%	38	2		2	5%	11-Jul-18
MULTAN	25	1		1	4%	23			0	0%	9-Jan-17
DGKHAN	25			0	0%	16		1	1	6%	12-Feb-18
RAWALPINDI	18	5	2	7	39%	17	6	1	7	41%	10-Aug-18
FAISALABAD	17			0	0%	15			0	0%	2-Jul-16
SARGODHA	8			0	0%	7			0	0%	
BAHAWALPUR	9			0	0%	7			0	0%	
RAJANPUR						7			0	0%	
CDA	8	5		5	63%	8	4		4	50%	10-Aug-18
KHIGIQBAL	17	3	1	4	24%	15			0	0%	10-Oct-17
KHIGADAP	24	13		13	54%	24	9		9	38%	10-Aug-18
KHIBALDIA	9	1		1	11%	8	1		1	13%	1-Aug-18
KHILANDHI	8	4		4	50%	7	3		3	43%	30-Jul-18
KHIKORANGI	8			0	0%	6			0	0%	16-Oct-17
KHISITE	9	2		2	22%	8	1		1	13%	1-Jan-18
KHISADDAR						7			0	0%	
KHILIAQAT						7	1		1	14%	7-Mar-18
SUKKUR	20	1		1	5%	15		1	1	7%	8-Feb-18
HYDERABAD	9			0	0%	7	1		1	14%	9-Feb-18
JACOBABAD	9		1	1	11%	10	1	1	2	20%	7-Mar-18
SANGHAR	8			0	0%	1			0	0%	
DADU	9			0	0%	8			0	0%	
KAMBAR	8	1		1	13%	7	3		3	43%	9-Jul-18
PESHAWAR	19	3	2	5	26%	17	11	1	12	71%	27-Aug-18
DIKHAN	17			0	0%	16			0	0%	16-Jul-16
BANNU	7			0	0%	8		1	1	13%	31-Mar-18
KOHAT	8			0	0%	8	3		3	38%	27-Jun-18
CHARSADA	8			0	0%	7			0	0%	
MARDAN	8			0	0%	7			0	0%	
NOWSHERA	8			0	0%	7			0	0%	
KABDULAH	17	11		11	65%	15	1		1	7%	1-Jan-18
QUETTA	34	9	1	10	29%	29	5		5	17%	28-Jul-18
PISHIN	9	4		4	44%	8			0	0%	2-Oct-17
KHUZDAR	8			0	0%	7			0	0%	
LORALAI	8			0	0%	6	1		1	17%	17-Mar-18
ZHOB	8			0	0%	7			0	0%	18-Dec-17
WAZIR-S						4			0		
BAJOUR						4	2		2	50%	1-Aug-18
PAKISTAN	449	63	7	70	16%	418	55	6	61	15%	27-Aug-18

New Positive Sample

* Afp.rec Data as of 10-09-2018

WPV and cVDPV Cases by District in 2018

PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KP	CHARSADA	1-Aug	1		
BALUCHISTAN	DUKKI	18-May	3		
PAKISTAN		1-Aug	4		

Map 2.1: Point in Time Comparison of Wild Polio virus, Compatible and cVDPV2 isolates

Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

- WPV cases = 05
- Sewage water = 13 (no WPV case)
- Total = 18

2017

Source

AFP Surveillance

- P1 = 05
- Compatible = 0
- cVDPV Cases = -
- cVDPV Env = -

Sewage water

- Grab = 63
- BMFS = 07

Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

- WPV cases = 02
- Sewage water = 20 (no WPV case)
- Total = 22

2018

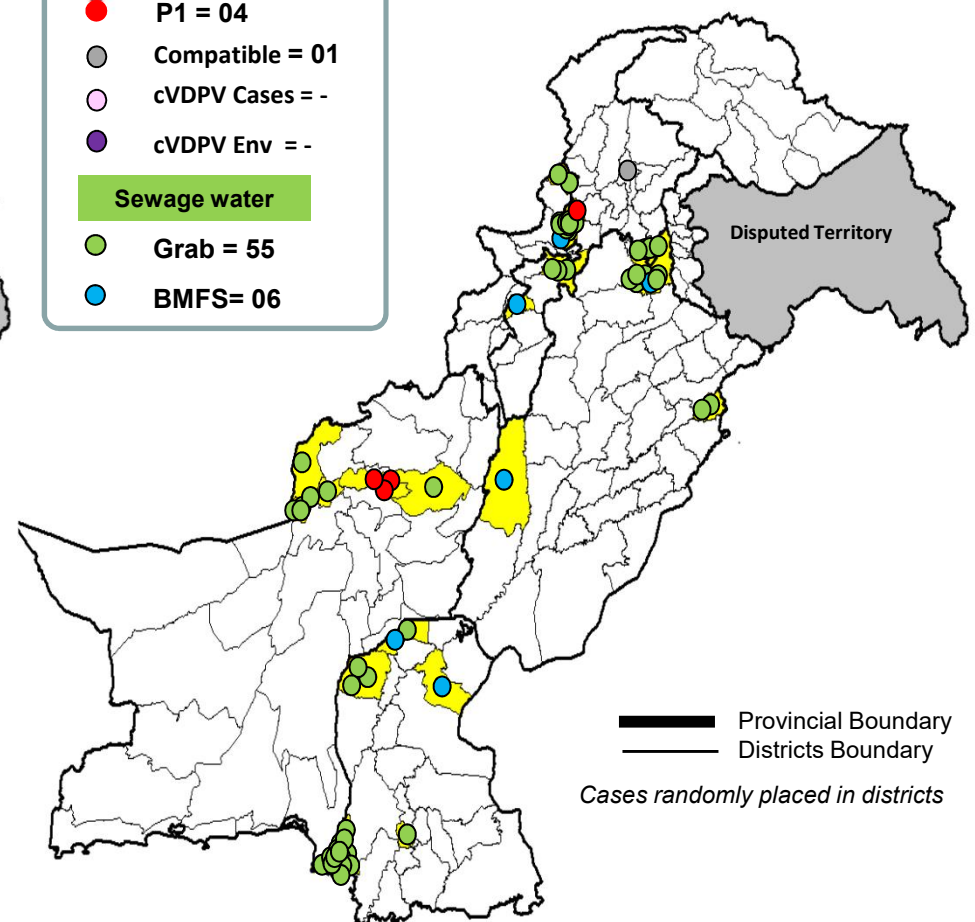
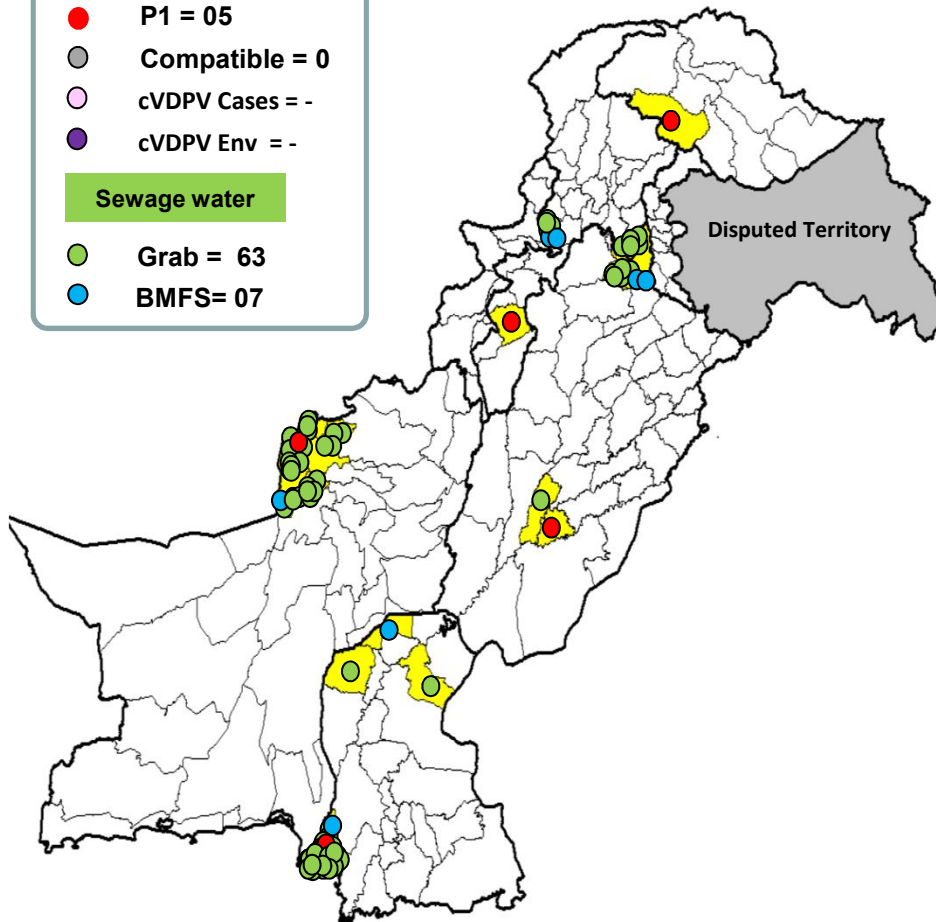
Source

AFP Surveillance

- P1 = 04
- Compatible = 01
- cVDPV Cases = -
- cVDPV Env = -

Sewage water

- Grab = 55
- BMFS = 06

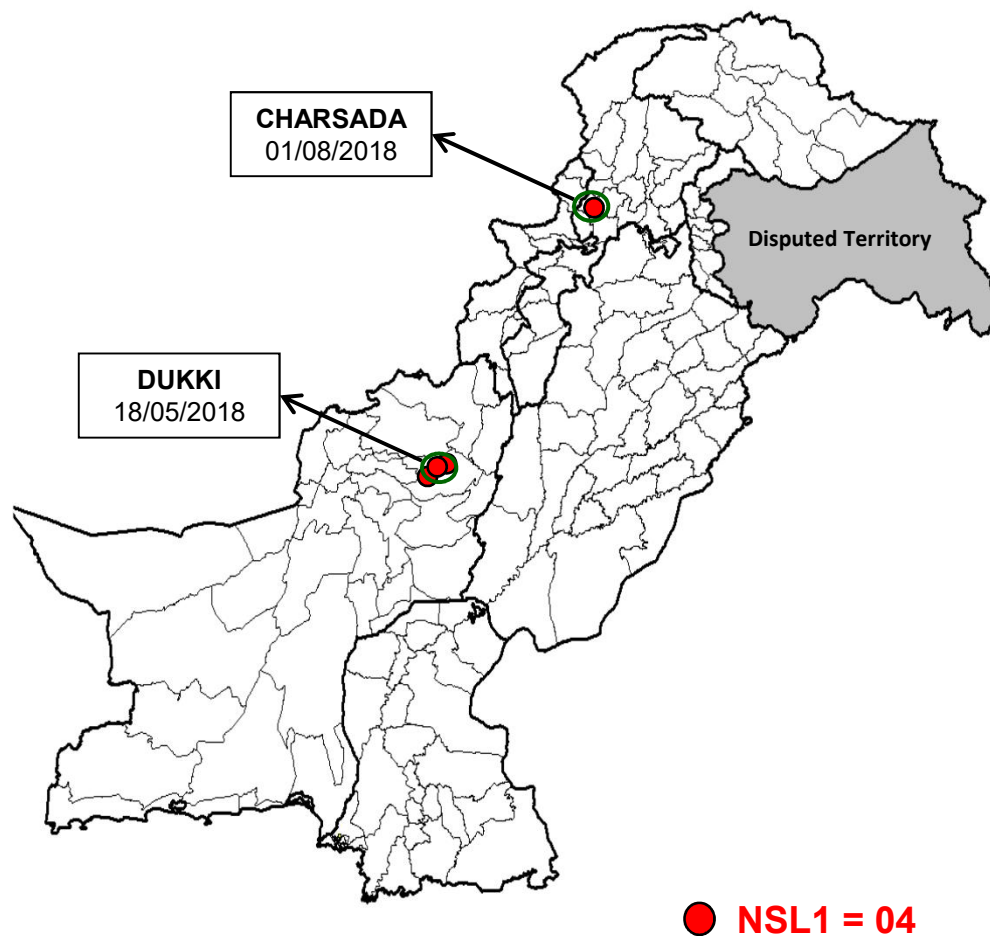


Provincial Boundary
 Districts Boundary
 Cases randomly placed in districts

* Afp.rec Data as of 10-09-2018

Map1: Distribution of Wild Polio Cases Pakistan 2017-2018*

Districts/Towns with Wild Polio Cases = 02



Province/ Country	Date of Last Case		Number of cases 2017		Number of cases 2018	
	P1	P3	P1	P3	P1	P3
KP-TD	Jul, 2016	Apr, 2012	-	-	-	-
KHYBER-PAKHTUNKHWA	Aug, 2018	Oct, 2010	01	-	01	-
SINDH	Nov, 2017	Jan, 2010	02	-	-	-
BALUCHISTAN	May, 2018	Apr, 2010	03	-	03	-
PUNJAB	Jan, 2017	Jun, 2010	01	-	-	-
AJK	Jun, 2000	Jun, 2000	-	-	-	-
GILGIT-BALTISTAN	Feb, 2017	-	01	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-	-	-
PAKISTAN	Aug, 2018	Apr, 2012	08	-	04	-

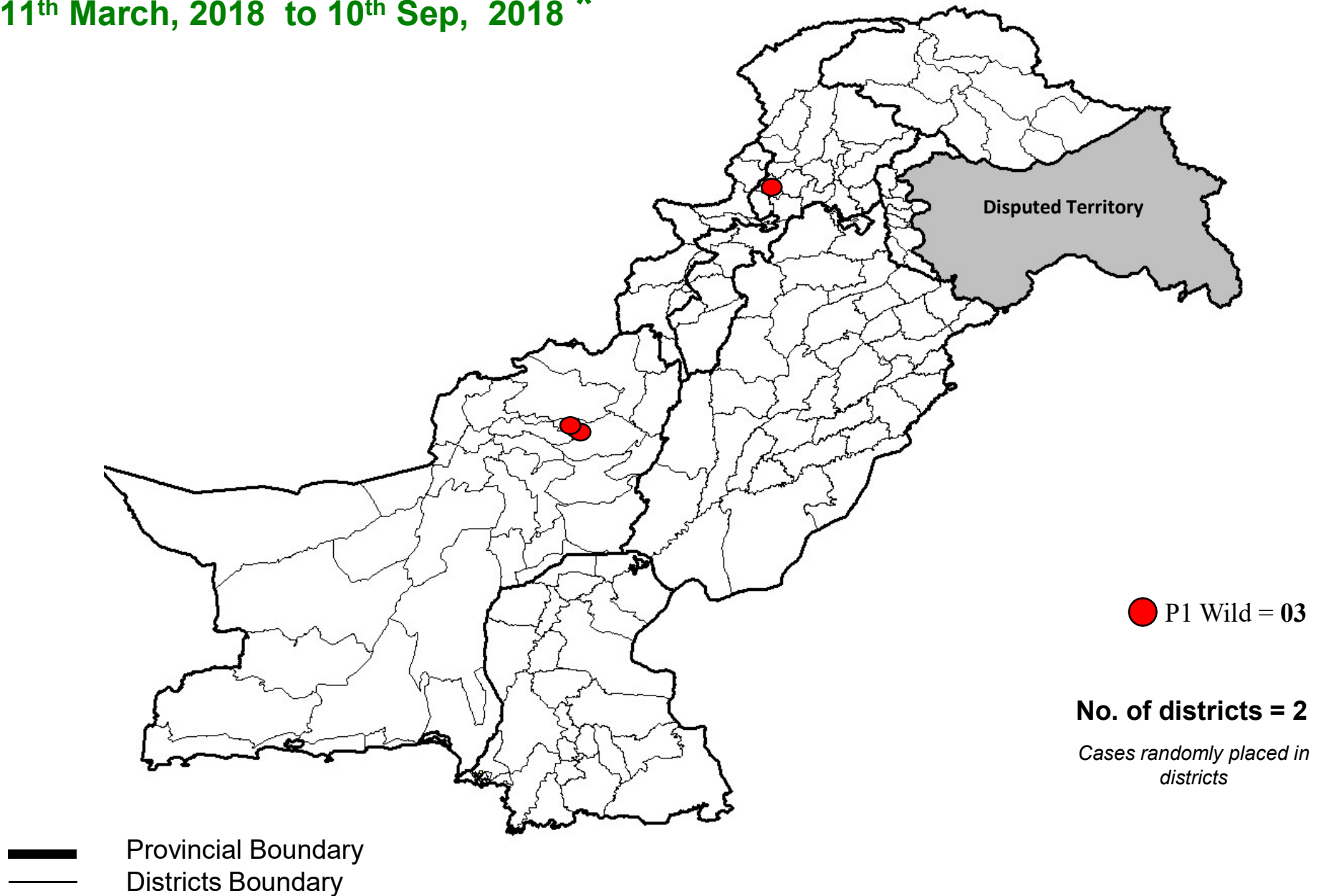
- District with last polio case in province
- Provincial Boundary
- Districts Boundary

Cases randomly placed in districts

* Afp.rec Data as of 10-09-2018

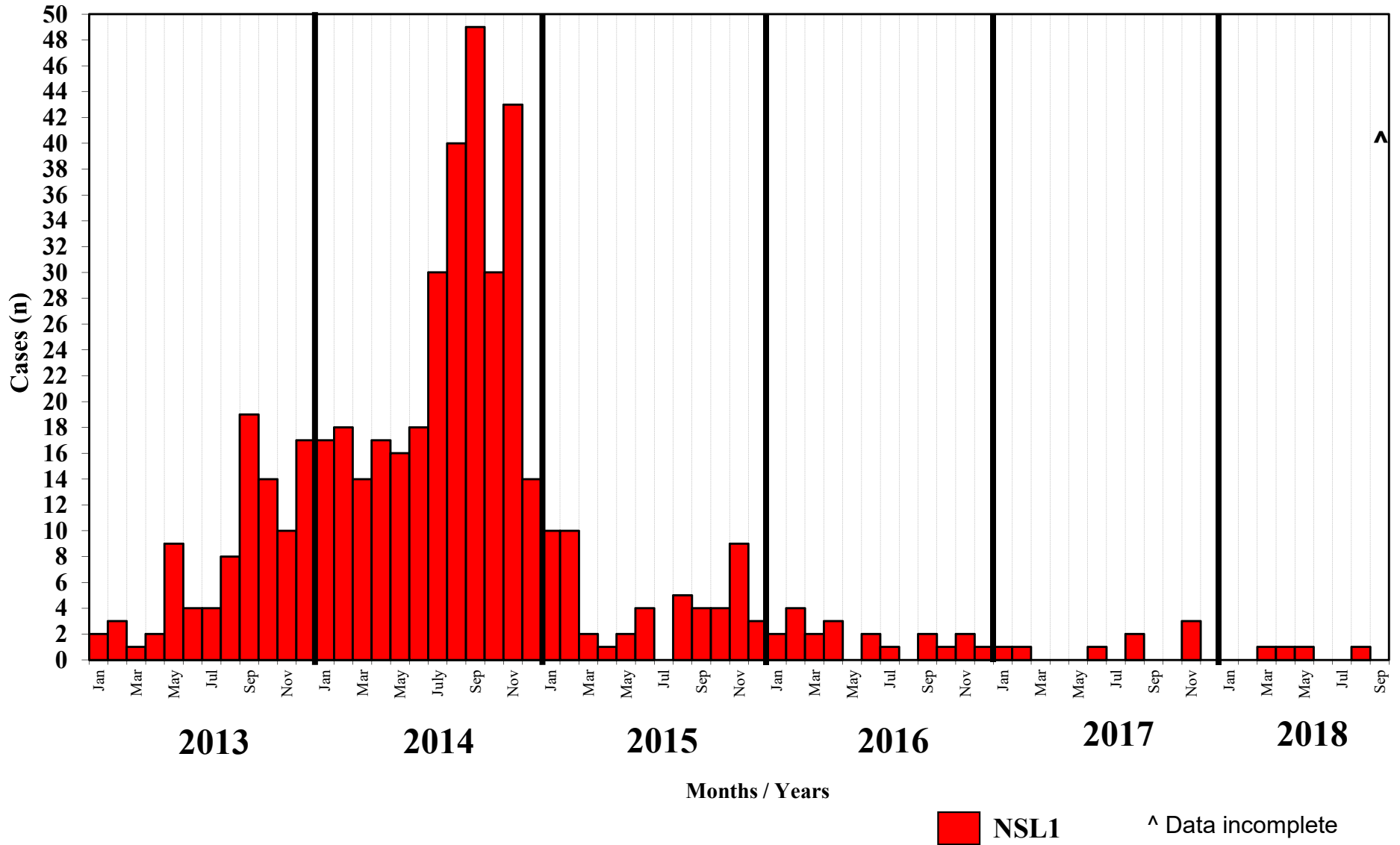
Map 3: Wild Polio cases in the last 6 months

11th March, 2018 to 10th Sep, 2018 *



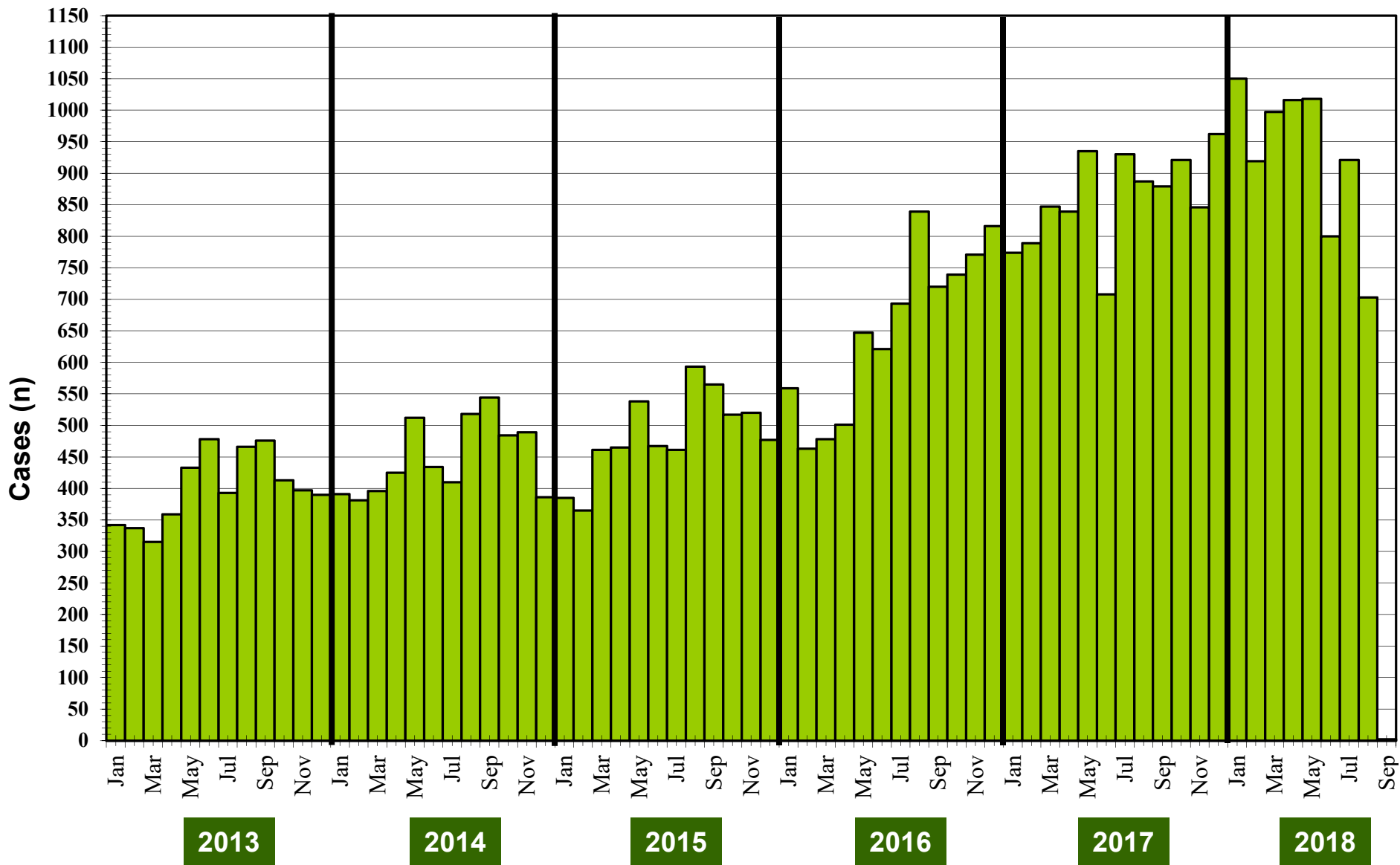
* Afp.rec Data as of 10-09-2018

Confirmed Polio Cases 2013-2018*



* Afp.rec Data as of 10-09-2018

Graph 1: Distribution of AFP Cases by Month, Pakistan 2013-2018*



* Afp.rec Data as of 10-09-2018

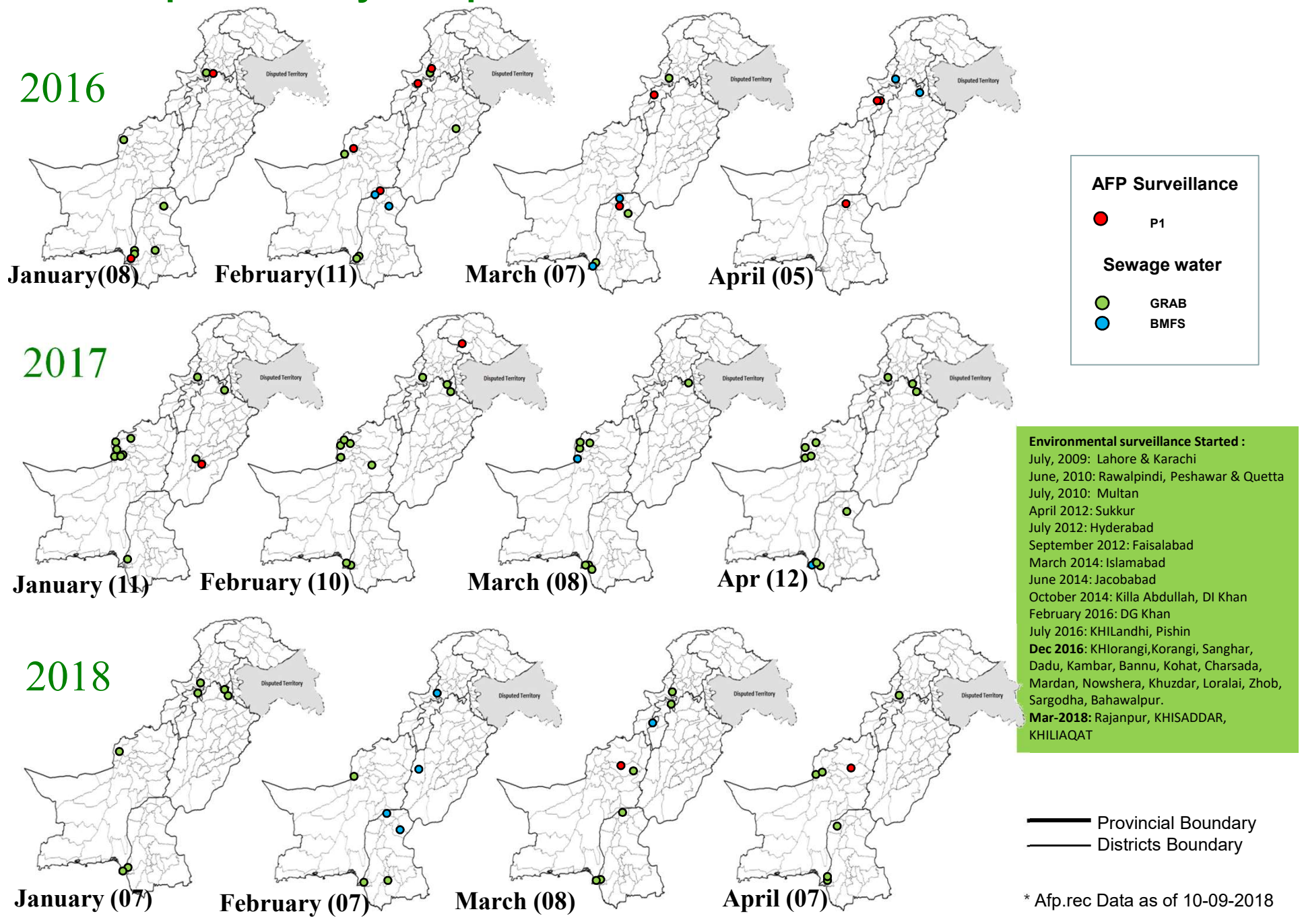
**Table 4: Distribution of AFP Cases By Week of Onset [^]
Pakistan- 2018* [Week number / Ending on]**

PROVINCE	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	21 26 May 2018	22 01 Jun 2018	23 08 Jun 2018	24 15 Jun 2018	25 22 Jun 2018	26 30 Jun 2018	27 07 Jul 2018	28 14 Jul 2018	29 21 Jul 2018	30 28 Jul 2018	31 04 Aug 2018	32 11 Aug 2018	33 18 Aug 2018	34 25 Aug 2018	35 01 Sep 2018
PUNJAB	109	96	103	92	93	78	104	89	103	95	91	108	80	68	40
SINDH	36	38	26	25	30	42	46	38	37	51	62	58	27	19	13
KPAKHTUNKHWA	38	38	35	35	40	45	48	45	26	32	58	44	32	21	13
KPTD	6	1	6	6	8	13	10	6	12	9	9	7	4	8	3
BALUCHISTAN	9	9	10	6	7	8	11	3	13	5	14	14	7	5	4
AJK	1	4	3	5	3	3	3	1	2	9	6	4	4	3	1
GBALTISTAN	2	2	0	0	2	2	3	2	2	2	1	1	1	2	0
ISLAMABAD	0	2	1	0	2	1	1	2	2	3	2	4	1	1	4
PAKISTAN	201	190	184	169	185	192	226	186	197	206	243	240	156	127	78

* Afp.rec & Afplab.rec: Data as of 10-09-2018

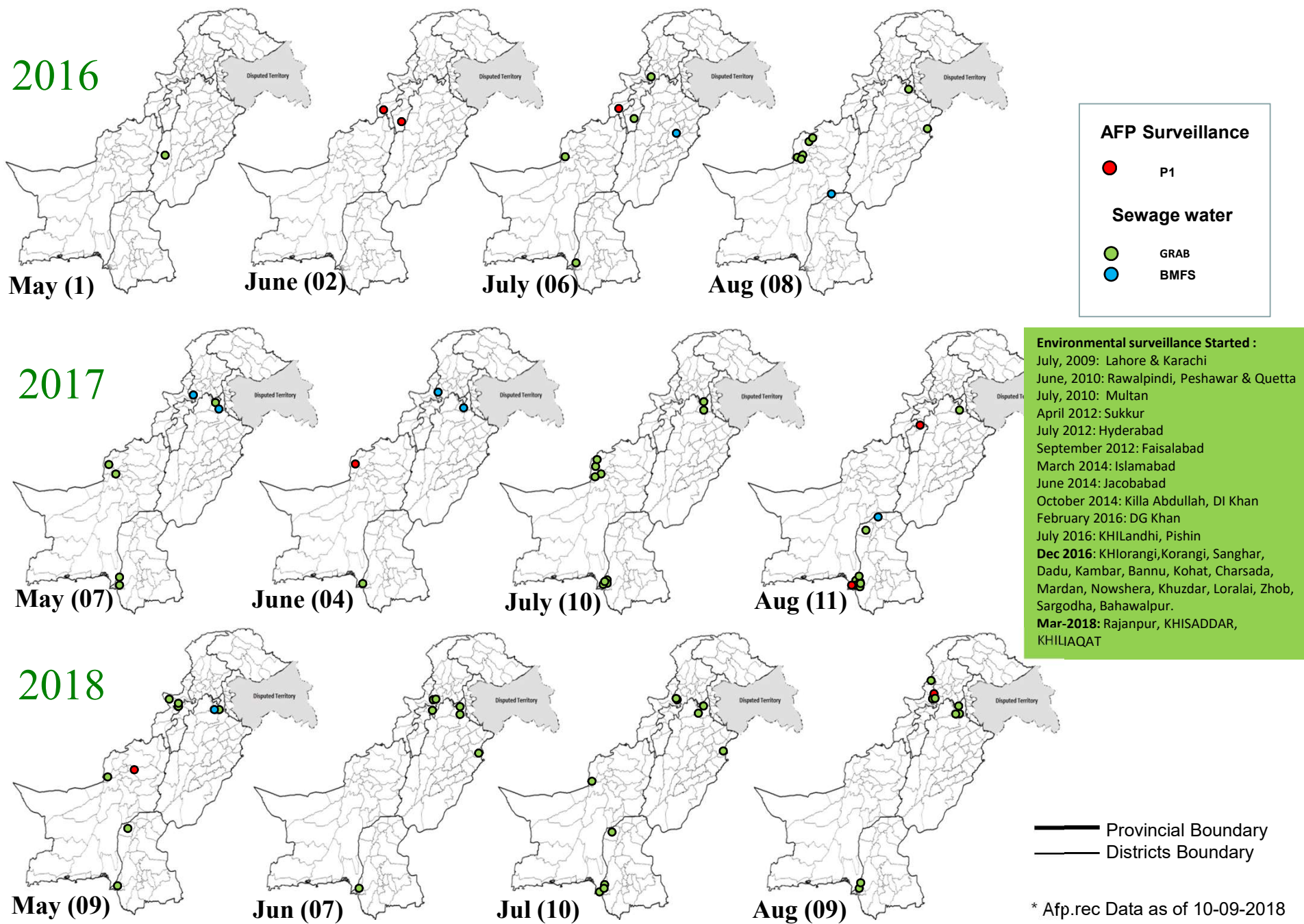
[^] MMWR Epidemiological Weeks

Map 4: Monthly Comparison of Polio Cases/Isolates 2016-2018*



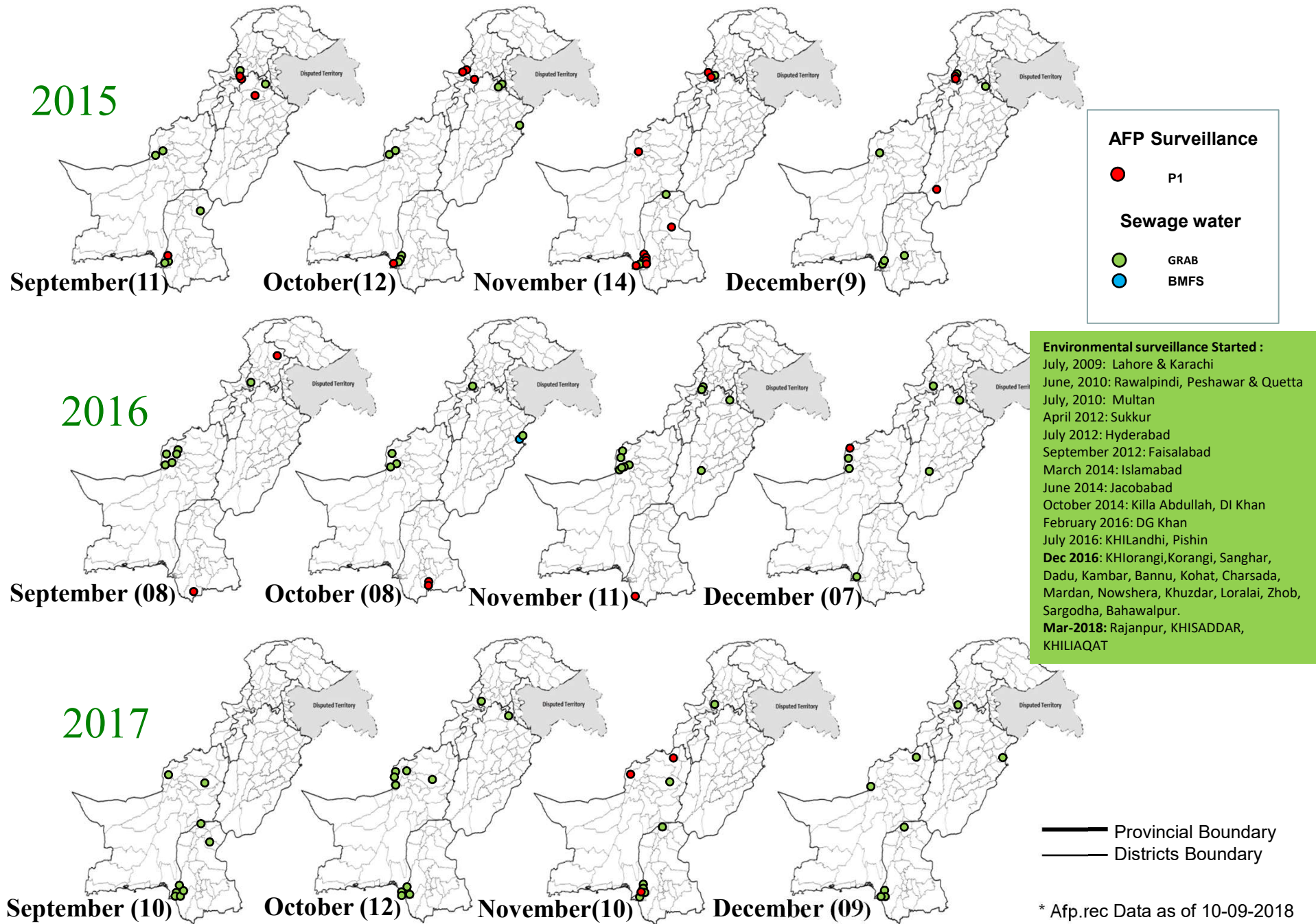
* Afp.rec Data as of 10-09-2018

Map 4.1: Monthly Comparison of Polio Cases/Isolates 2016-2018*



* Afp.rec Data as of 10-09-2018

Map 4.2: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 10-09-2018

Table 5: Polio Eradication Update, Pakistan 2015-2018*

Province/Region	Polio 1			
	2015	2016	2017	2018
KP-TD	16	02	-	-
KP	17	08	01	01
SINDH	12	08	02	-
PUNJAB	02	-	01	-
BALUCHISTAN	07	02	03	03
AJK	-	-	-	-
Gilgit-Baltistan	-	-	01	-
ISLAMABAD	-	-	-	-
PAKISTAN	54	20	08	04

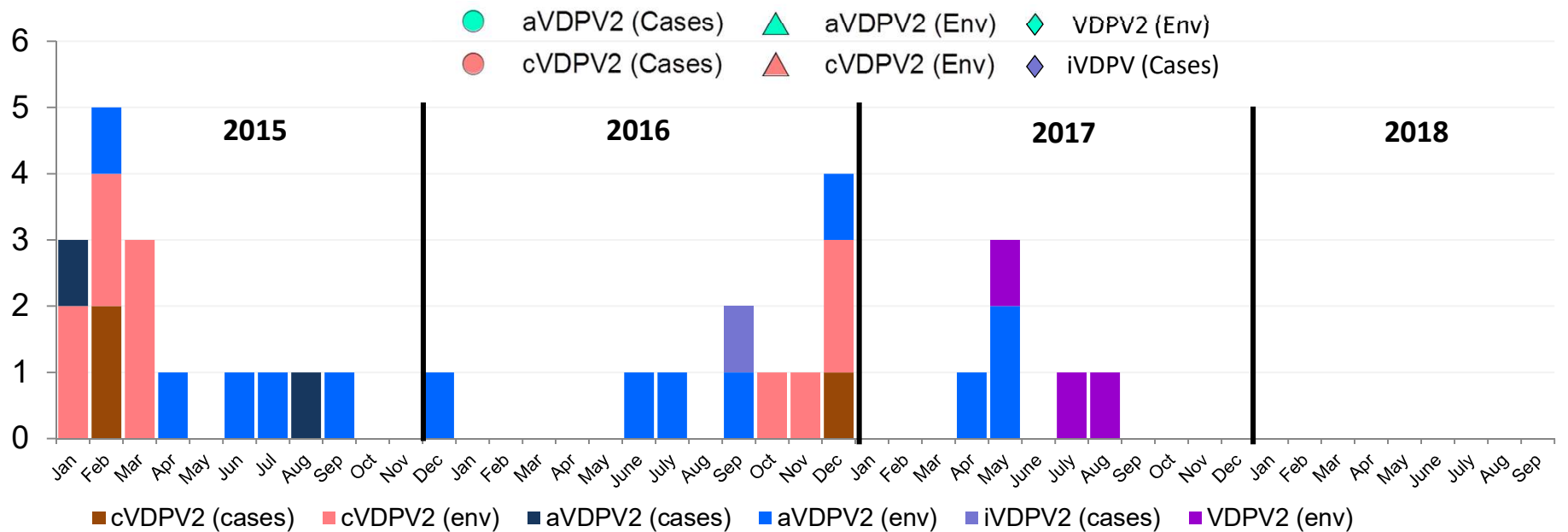
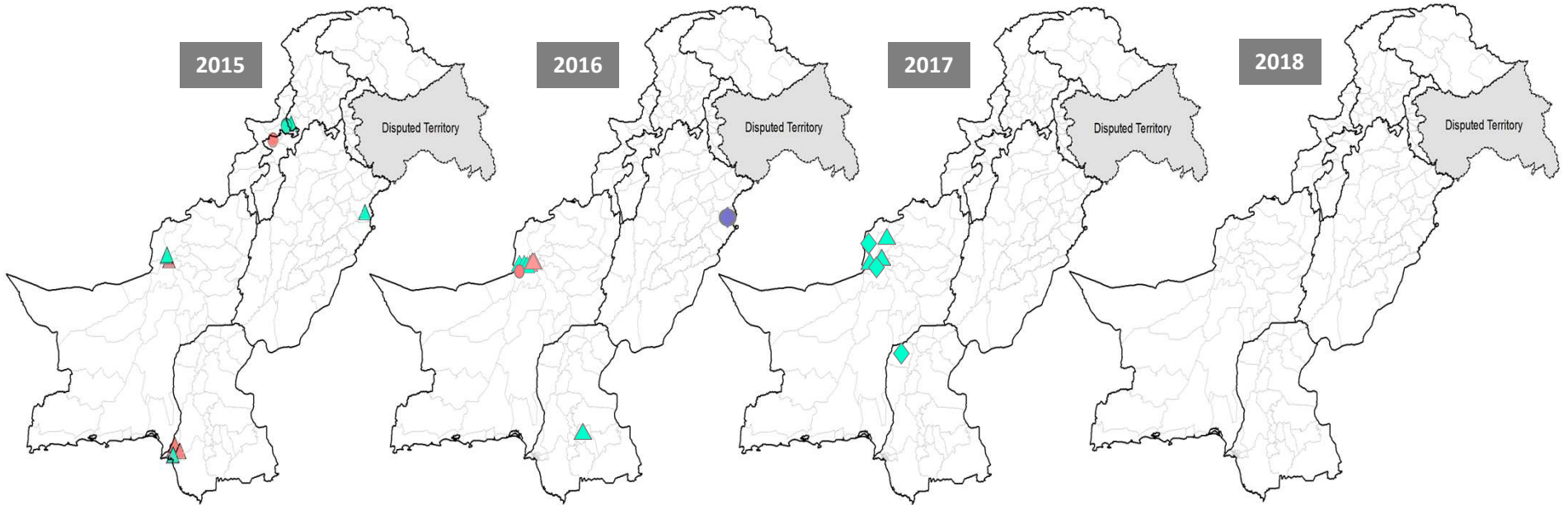


* Afp.rec Data as of 10-09-2018

VDPV2 isolates, 2014 to 2018*

DISTRICT	2014				2015				2016					2017					2018			
	aVDPV-2		cVDPV-2		aVDPV-2		cVDPV-2		aVDPV-2		iVDPV-2		cVDPV-2		VDPV2		aVDPV-2		cVDPV-2			
	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Env	Cases	Env	Cases	Env			
JAFARABAD																						
MASTUNG																						
PISHIN														1								
QUETTA					2		1			3			1	4		2				1		
KABDULAH																				1		
BALOCHISTAN					2		1			3			1	4		3				2		
KHYBER	1		2		1		1															
MOHMAND																						
WAZIR-N	2		7																			
WAZIR-S	1																					
KP-TD	4		17		1		1															
FR BANNU			8																			
BANNU			1																			
HANGU							1															
LAKKIMRWT			1																			
PESHAWAR			1				1															
KPAKHTUNKHWA			3		1		1															
LAHORE	1				1					1												
PUNJAB	1				1					1												
KAMBAR																				1		
KHIGADAP		2	1	7																6		
KHIGIQBAL		1					2															
KHIGULBERG							1															
HYDERABAD										1												
SINDH		3	1	7	1	2	6			1										1		
PAKISTAN	5	3	21	7	2	6	2	7		4	1		1	4		3				3		

VDPV isolates (Cases + ES), 2015 – 2018*



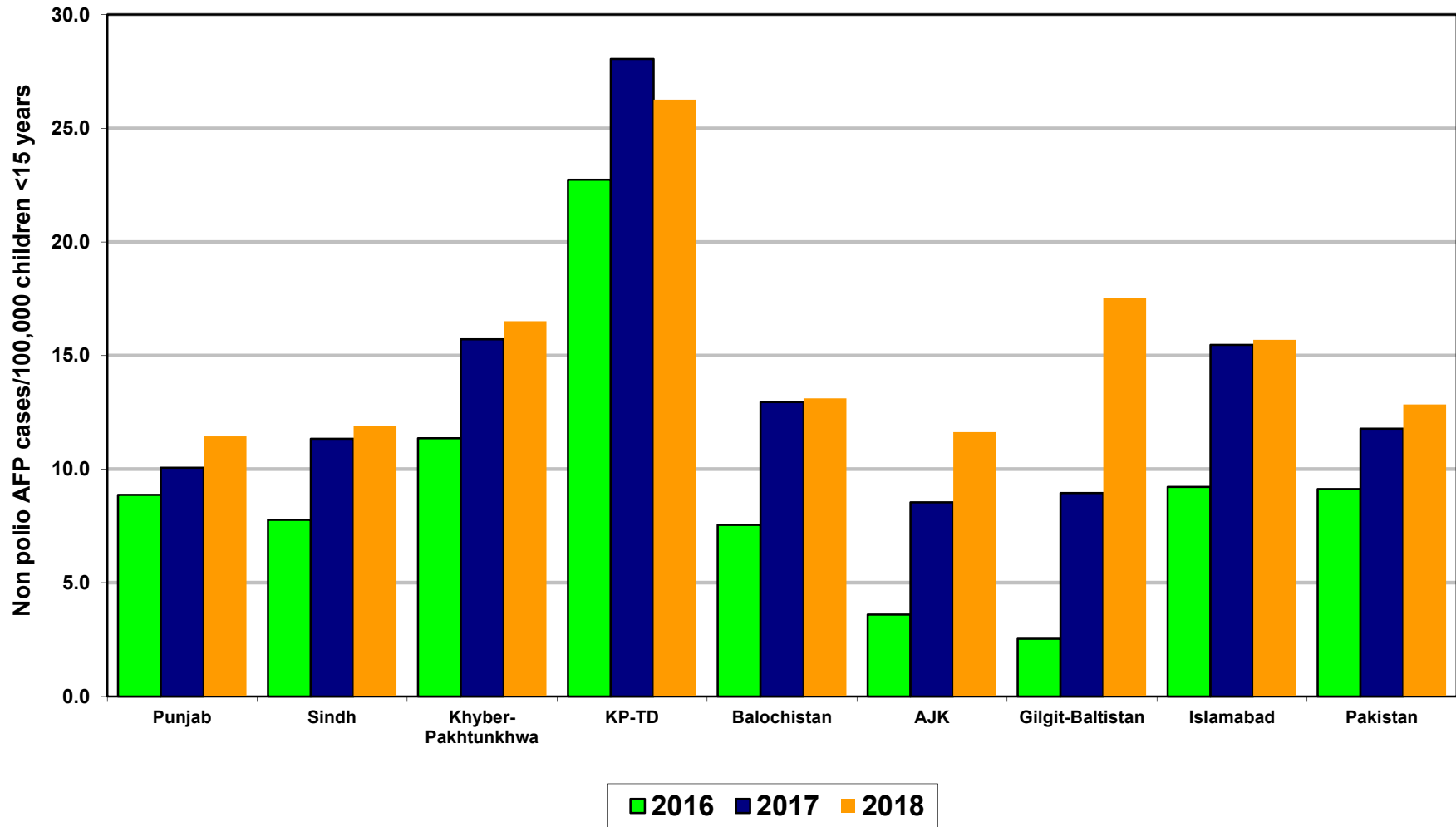
* Afp.rec Data as of 10-09-2018

Table 6: Vaccination status of non polio AFP cases age 6-59 months 2016-2018*

REGION	0 dose			1-2 doses			3 doses			4-6 doses			7+ doses		
	16	17	18	16	17	18	16	17	18	16	17	18	16	17	18
Central Punjab	0%	0%	0%	0%	0%	0%	1%	1%	1%	3%	3%	2%	97%	96%	97%
North Punjab	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	2%	2%	98%	97%	96%
South Punjab	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	1%	98%	98%	98%
PUNJAB	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	2%	2%	97%	97%	97%
Karachi	0%	1%	0%	1%	1%	1%	1%	1%	2%	5%	7%	6%	93%	91%	92%
North Sindh	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	3%	3%	94%	97%	97%
South Sindh	0%	0%	0%	1%	0%	0%	1%	1%	1%	6%	4%	2%	92%	95%	97%
SINDH	0%	0%	0%	1%	0%	0%	1%	0%	1%	5%	4%	4%	93%	95%	95%
Central Khyber Pakhtunkhwa	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	1%	98%	98%	98%
North Khyber Pakhtunkhwa	0%	0%	0%	1%	1%	0%	0%	1%	0%	3%	4%	2%	96%	94%	98%
South Khyber Pakhtunkhwa	1%	0%	1%	2%	2%	0%	1%	2%	0%	3%	5%	3%	94%	91%	96%
Khyber Pakhtunkhwa	0%	0%	0%	1%	1%	0%	0%	1%	0%	2%	3%	2%	96%	95%	97%
KP-TD	0%	0%	0%	2%	0%	0%	1%	1%	0%	9%	8%	3%	89%	91%	95%
Rest of Balochistan	7%	3%	0%	7%	9%	3%	2%	4%	0%	23%	13%	19%	62%	71%	78%
North Balochistan	0%	4%	0%	3%	6%	2%	3%	2%	0%	10%	10%	9%	83%	78%	89%
Quetta Block	1%	0%	4%	1%	1%	0%	4%	0%	0%	10%	7%	0%	83%	92%	96%
BALUCHISTAN	2%	2%	1%	3%	4%	1%	3%	3%	0%	13%	10%	9%	80%	82%	88%
PAKISTAN	0%	0%	0%	1%	1%	0%	1%	1%	1%	4%	4%	2%	95%	95%	96%

* Afp.rec Data as of 10-09-2018

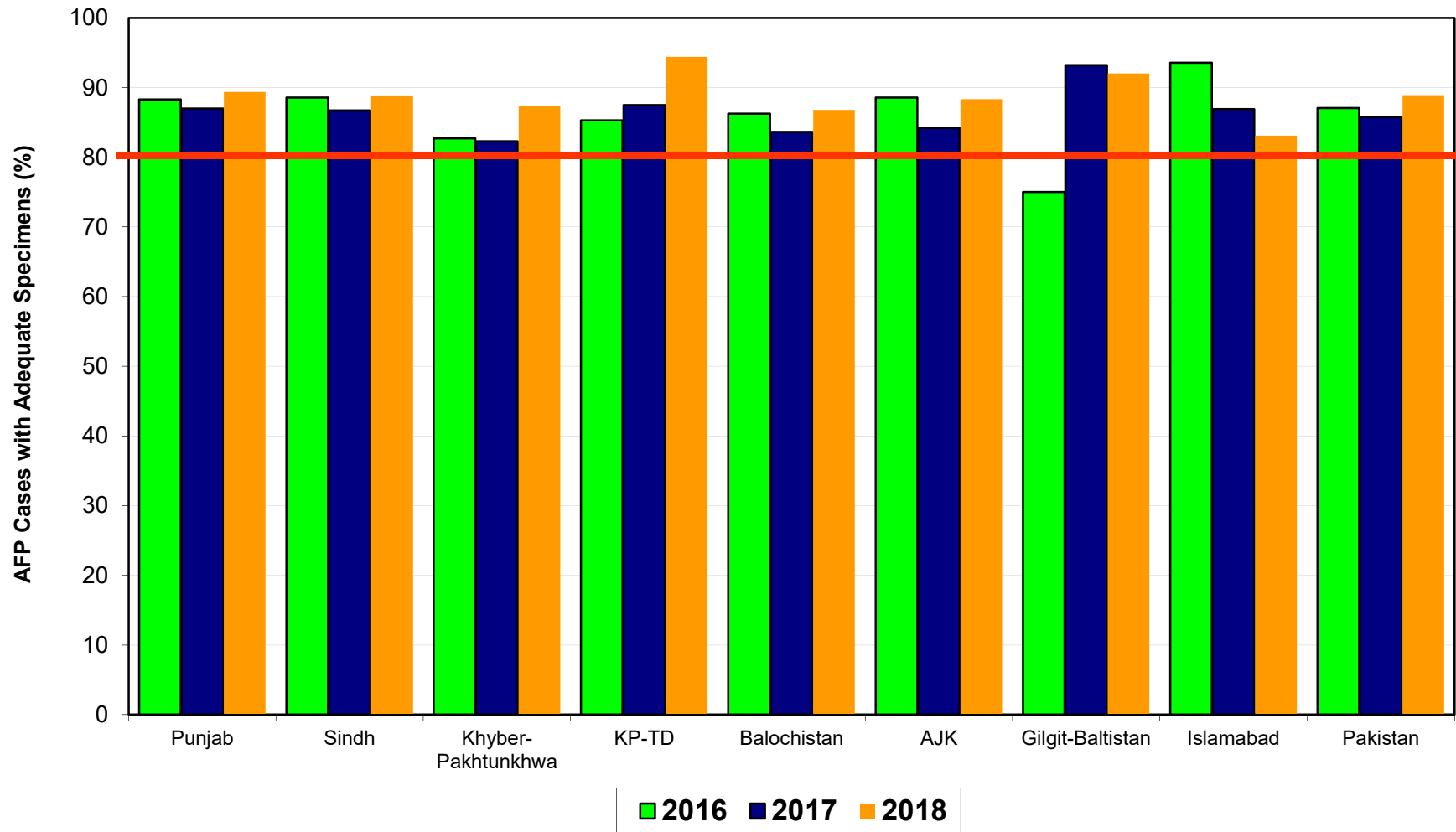
Non Polio AFP Rate By Province/Regions, 2016-2018*



Minimum Target Non-Polio AFP Rate is 6/100000 < 15 years of the age

* Afp.rec Data as of 10-09-2018

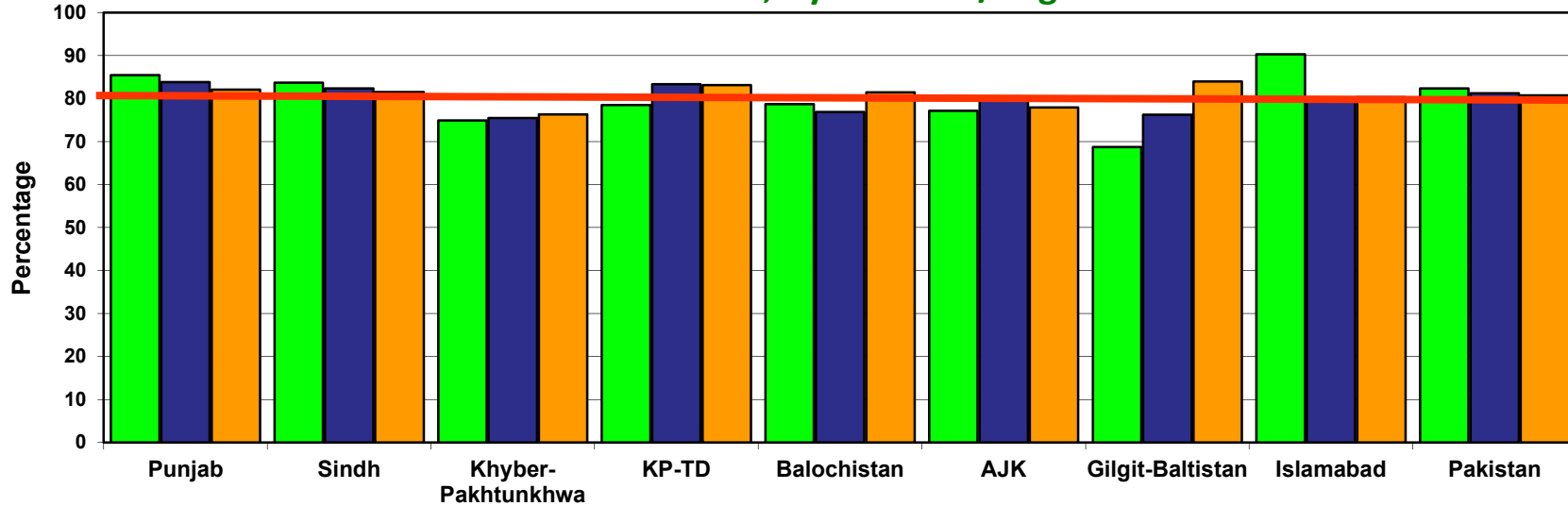
Percent AFP Cases with Adequate Specimens By Province/Regions, 2016-2018*



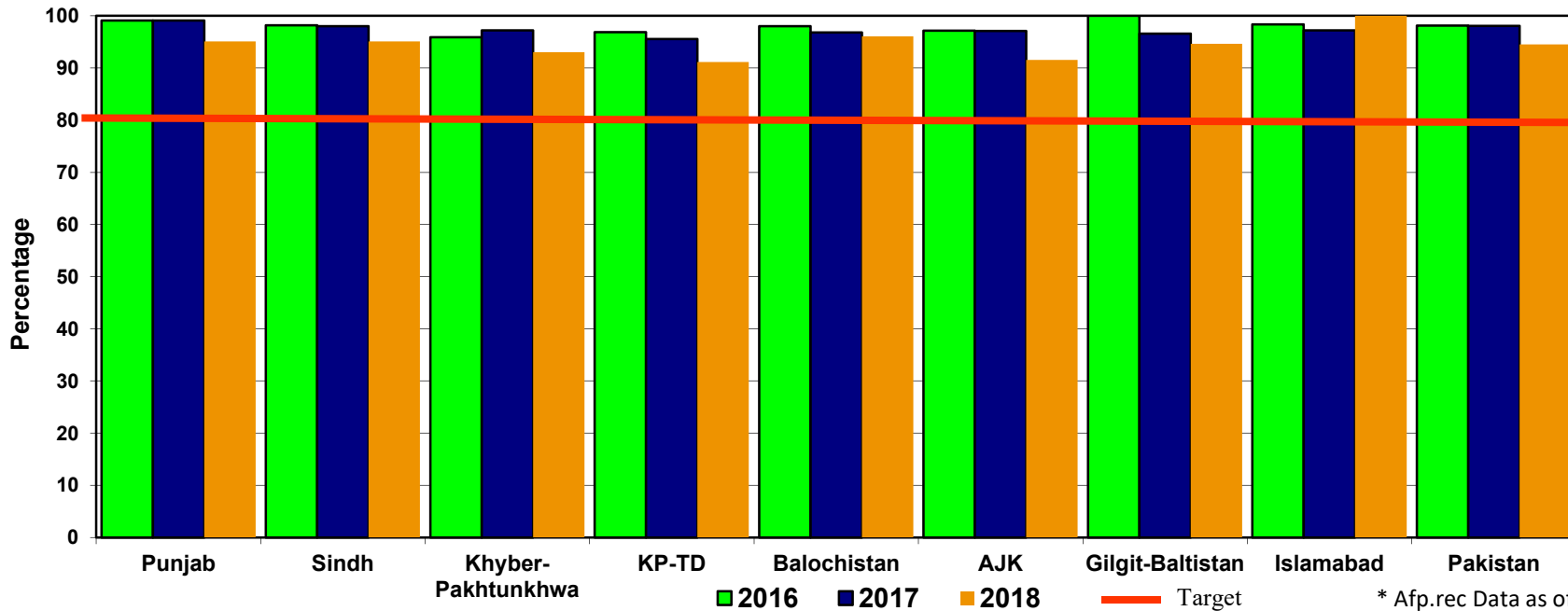
* Afp.rec Data as of 10-09-2018

— Target Adequate Sample cases = 80%

**Graph 5: Percent AFP Cases Notified within 07 days of paralysis onset
2016 - 2018*; By Province/Regions**



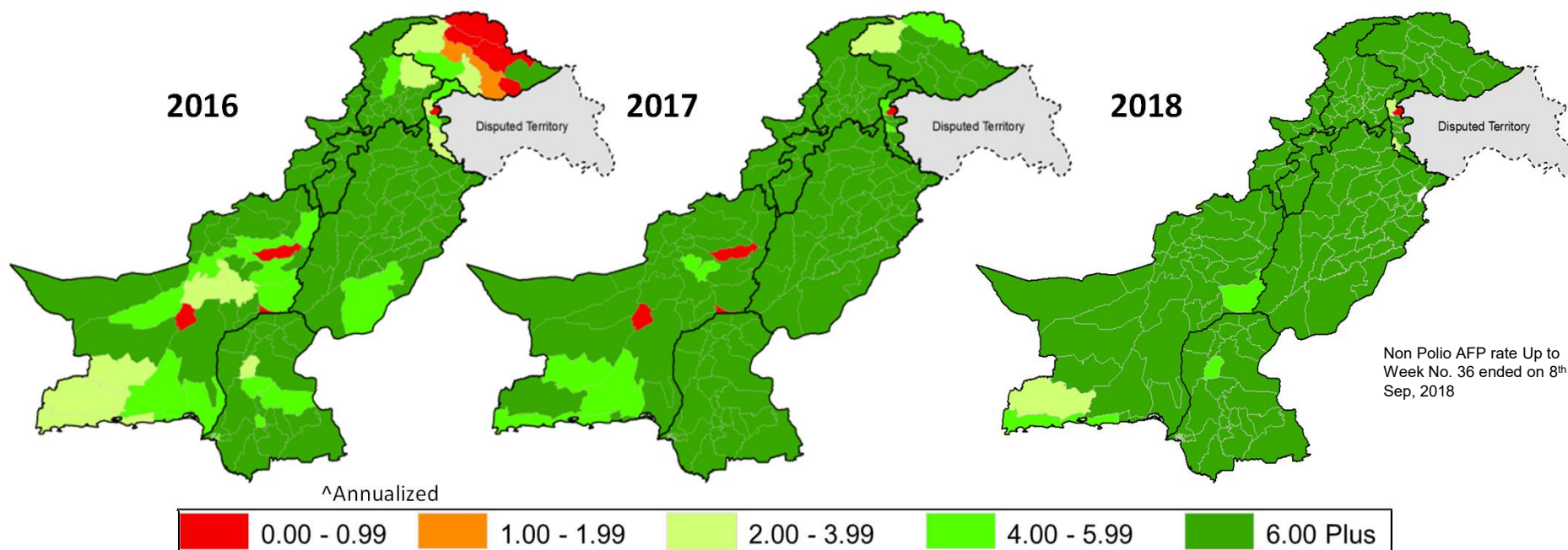
**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2016 ~ 2018*; By Province/Regions**



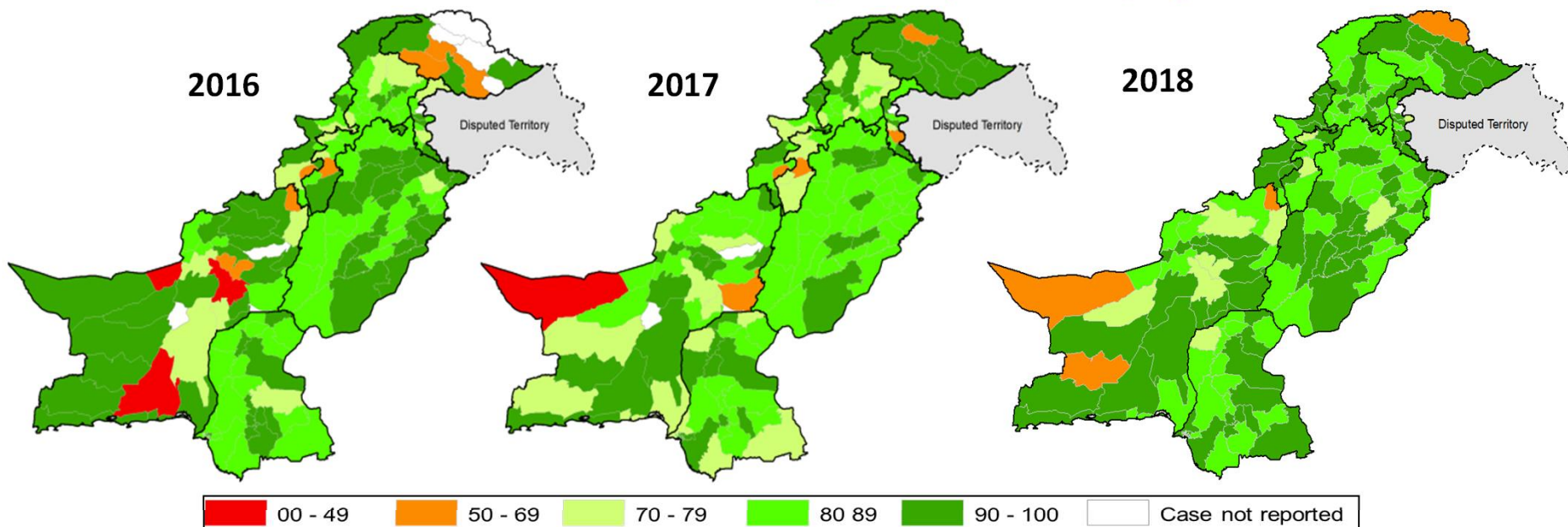
2016 2017 2018 Target

* Afp.rec Data as of 10-09-2018

Non-Polio ^ AFP Rate by District



Percent AFP Cases with Adequate Specimens, by District



**Table 7.4: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2018 Page (1/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	CHINIOT	LALIAN	PB/54/18/039	M	25	05-06-18	7+	19-06-18	21-06-18	NVI	Y	Y	Y	Y	93
2	CHINIOT	BHOWANA	PB/54/18/040	M	7	02-06-18	3	21-06-18	23-06-18	EV	N	Y	Y	Y	96
3	DGKHAN	DG KHAN	PB/81/18/141	F	19	04-06-18	7+	01-07-18	03-07-18	NVI	Y	Y	Y	Y	94
4	DGKHAN	DG KHAN	PB/81/18/145	F	4	07-06-18	4	06-07-18	07-07-18	NVI	Y	Y	UK	Y	91
5	DGKHAN	DG KHAN	PB/81/18/144	F	5	07-06-18	5	07-07-18	08-07-18	VACC	Y	Y	Y	Y	91
6	DGKHAN	DG KHAN	PB/81/18/162	M	21	20-05-18	7+	LATE NOTIFIED			N	Y	Y	Y	109
7	FAISALABAD	TANDLIANWALA	PB/51/18/119	M	54	02-06-18	7+	21-06-18	22-06-18	NVI	N	Y	Y	Y	96
8	FAISALABAD	FSD CITY	PB/51/18/126	F	72	07-05-18	7+	28-06-18	29-06-18	NVI	N	Y	Y	Y	122
9	FAISALABAD	TANDLIANWALA	PB/51/18/137	M	14	06-06-18	7+	08-07-18	09-07-18	EV	Y	Y	Y		92
10	GUJRANWALA	WAZIRABAD TOWN	PB/21/18/081	F	38	07-05-18	7+	19-05-18		EV	Y	Y	Y	DIED	122
11	GUJRANWALA	K.S PUR TOWN	PB/21/18/091	M	8	17-05-18	7+	31-05-18	02-06-18	NVI	Y	Y	Y	Y	112
12	GUJRANWALA	Q.D SING TOWN	PB/21/18/109	M	54	02-06-18	7+	22-06-18	23-06-18	NVI	N	Y	Y	Y	96
13	GUJRANWALA	K.S PUR TOWN	PB/21/18/114	F	114	05-06-18	7+	28-06-18	30-06-18	NVI	N	N	Y	Y	93
14	GUJRANWALA	NANDIPUR TOWN	PB/21/18/128	F	166	26-05-18	7+	18-07-18	19-07-18	NVI	Y	Y	Y	Y	103
15	GUJRANWALA	K.S PUR TOWN	PB/21/18/127	M	4	30-05-18	3	16-07-18	17-07-18	EV	Y	Y	Y	Y	99
16	GUJRANWALA	Q.D SING TOWN	PB/21/18/157	M	48	17-05-18	7+	LATE NOTIFIED			Y	Y	Y		112
17	GUJRAT	KHARIAN	PB/23/18/038	F	58	11-03-18	7+	DIED BEFORE STOOL			N	N	Y	DIED	179
18	GUJRAT	GUJRAT	PB/23/18/066	M	63	03-05-18	7+	25-05-18	26-05-18	NVI	Y	N	Y	Y	126
19	KASUR	KASUR	PB/32/18/047	M	18	01-05-18	7+	04-06-18	05-06-18	EV	Y	N	Y	Y	128
20	KASUR	KASUR	PB/32/18/052	F	20	22-02-18	7+	LATE NOTIFIED			Y	Y	Y	Y	196
21	KHANEWAL	KHANEWAL	PB/62/18/065	M	11	26-05-18	7+	11-06-18	16-06-18	NVI	Y	Y	Y	Y	103
22	KHANEWAL	JAHANIAN	PB/62/18/072	M	6	26-05-18	7+	14-07-18	15-07-18	EV	Y	N	Y	Y	103
23	LAHORE	NISHTER TOWN	PB/31/18/170	F	102	04-05-18	7+	31-05-18	01-06-18	NVI	N	N	Y	Y	125
24	LAHORE	GULBERG TOWN	PB/31/18/203	M	108	06-06-18	7+	25-06-18	27-06-18	NVI	Y	Y	Y	Y	92
25	LAHORE	SAMANABAD TOWN	PB/31/18/265	F	18	05-05-18	7+	LATE NOTIFIED			Y	Y	Y		124
26	MBDIN	M.B DIN	PB/24/18/019	F	19	04-02-18	7+	15-03-18	17-03-18	NVI	UK	N	Y	DIED	214
27	MBDIN	PHALIA	PB/24/18/024	M	19	10-03-18	7+	29-03-18	30-03-18	NVI	Y	Y	Y	Y	180
28	NANKANASAHIB	NANKANA SAHIB	PB/35/18/033	F	14	25-05-18	7+	18-07-18	20-07-18	EV	N	Y	Y		104
29	NAROWAL	SHAKARGARH	PB/26/18/049	F	7	03-03-18	7+	LATE NOTIFIED			N	Y	Y	Y	187
30	RAJANPUR	ROJHAN	PB/82/18/101	M	168	15-02-18	0	LATE NOTIFIED			N	Y	UK		203
31	SAHIWAL	SAHIWAL	PB/65/18/045	F	156	16-05-18	7+	01-06-18	03-06-18	NVI	N	N	Y	Y	113
32	SHEIKHUPURA	SAFDARABAD	PB/33/18/055	M	24	27-05-18	7+	10-06-18	14-06-18	EV	Y	Y	Y	Y	102
33	BADIN	TANDO BAGO	SD/23/18/021	M	18	17-03-18	7+	31-03-18	01-04-18	NVI	Y	Y	Y	Y	173
34	DADU	MEHAR	SD/24/18/045	F	74	28-04-18	7+	14-08-18	15-08-18	EV	Y	Y	Y		131
35	GHOTKI	KHAN GARH	SD/42/18/029	F	96	26-03-18	7+	DIED BEFORE STOOL			Y	N	UK	DIED	164
36	KAMBAR	KAMBAR	SD/55/18/040	M	9	19-03-18	7+	LATE NOTIFIED			N	Y	Y	Y	171
37	KAMBAR	SHAHDAKOT	SD/55/18/038	M	24	06-06-18	7+	LATE NOTIFIED			N	N	Y		92
38	KAMBAR	KAMBAR	SD/55/18/047	M	18	03-06-18	7+	07-07-18	09-07-18	NVI	Y	Y	Y		95
39	KAMBAR	WARAH	SD/55/18/061	F	36	24-05-18	7+	LATE NOTIFIED			N	Y	Y	Y	105
40	KHIBALDIA	BALDIA	SD/61/18/009	F	15	01-05-18	7+	25-05-18	31-05-18	NVI	Y	N	Y	DIED	128
41	KHIBINQASIM	BINQASIM	SD/62/18/013	M	22	12-05-18	7+	03-07-18	06-07-18	NVI	Y	Y	Y	Y	117
42	KHIGADAP	GADAP	SD/63/18/014	M	21	06-01-18	7+	LATE NOTIFIED			Y	Y	UK	Y	243

* Afp.rec Data as of 10-09-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.4: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2018 Page (2/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
43	KHIGADAP	GADAP	SD/63/18/026	M	84	01-06-18	7+	11-06-18		NVI	N	N	Y		97
44	KHINNAZIM	NNAZIM	SD/74/18/014	F	30	01-04-18	7+	DIED BEFORE STOOL			N	N	Y	DIED	158
45	KHISITE	SITE	SD/78/18/012	M	11	03-05-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	126
46	LARKANA	LARKANA	SD/51/18/041	M	22	18-05-18	7+	06-06-18	07-06-18	NVI	N	N	Y	Y	111
47	MATIARI	MATIARI	SD/28/18/023	M	60	11-05-18	7+	DIED BEFORE STOOL			UK	N	UK	DIED	118
48	MATIARI	SAEEDABAD	SD/28/18/021	M	120	20-04-18	7+	12-05-18	13-05-18	EV	N	Y	Y	Y	139
49	MIRPURKHAS	SINDRI	SD/31/18/041	M	96	02-04-18	7+	05-08-18	06-08-18	NVI	Y	N	Y		157
50	SBENAZIRABAD	NAWABSHAH	SD/44/18/035	M	60	11-05-18	7+	LATE NOTIFIED			Y	Y	Y	Y	118
51	SUJAWAL	SUJAWAL	SD/79/18/058	F	36	18-05-18	7+	09-06-18	10-06-18	NVI	Y	Y	Y	Y	111
52	UMERKOT	PITHORO	SD/34/18/037	F	84	03-06-18	7+	18-07-18	19-07-18	NVI	Y	Y	Y	Y	95
53	BATAGRAM	ALLAI	KP/11/18/020	M	13	01-04-18	7+	LATE NOTIFIED			Y	N	UK	Y	158
54	BATAGRAM	ALLAI	KP/11/18/024	M	24	20-05-18	7+	LATE NOTIFIED			N	Y	Y	Y	109
55	CHARSADA	CHARSADDA	KP/31/18/051	M	18	03-04-18	7+	18-04-18	19-04-18	NVI	Y	Y	Y	Y	156
56	CHARSADA	CHARSADDA	KP/31/18/055	F	42	18-04-18	7+	25-04-18		NVI	Y	N	Y	DIED	141
57	CHARSADA	TANGI	KP/31/18/059	M	16	08-04-18	7+	25-04-18	26-04-18	NVI	Y	Y	UK	Y	151
58	CHARSADA	CHARSADDA	KP/31/18/060	M	96	03-05-18	7+	20-05-18	22-05-18	NVI	Y	N	Y	Y	126
59	CHARSADA	CHARSADDA	KP/31/18/080	M	48	29-05-18	7+	14-06-18	15-06-18	NVI	Y	Y	Y	Y	100
60	CHITRAL	CHITRAL	KP/21/18/019	F	156	26-03-18	7+	LATE NOTIFIED			Y	N	Y		164
61	KOHAT	KOHAT	KP/50/18/034	M	8	22-03-18	7+	LATE NOTIFIED			N	N	Y	Y	168
62	KOHISTAN	DASSU	KP/13/18/006	M	164	25-02-18	7+	21-03-18	22-03-18	NVI	Y	N	N	Y	193
63	LAKKIMRWT	SERAI NAURANG	KP/62/18/019	M	10	20-02-18	7+	25-03-18	26-03-18	EV	Y	Y	Y	Y	198
64	LAKKIMRWT	LAKKI MARWAT	KP/62/18/035	M	20	28-02-18	7+	LATE NOTIFIED			Y	Y	Y	Y	190
65	LAKKIMRWT	LAKKI MARWAT	KP/62/18/052	M	21	23-03-18	7+	LATE NOTIFIED			UK	Y	Y	Y	167
66	LAKKIMRWT	LAKKI MARWAT	KP/62/18/056	F	12	15-04-18	7+	LATE NOTIFIED			UK	N	Y	Y	144
67	LAKKIMRWT	SERAI NAURANG	KP/62/18/061	F	30	01-06-18	7+	27-06-18	29-06-18	EV	Y	Y	Y	Y	97
68	LAKKIMRWT	SERAI NAURANG	KP/62/18/063	M	108	06-06-18	7+	21-06-18	22-06-18	NVI	Y	Y	Y	Y	92
69	LAKKIMRWT	LAKKI MARWAT	KP/62/18/058	M	26	24-05-18	7+	25-06-18	26-06-18	EV	Y	Y	Y	Y	105
70	MALAKAND	BATKHELA	KP/20/18/039	M	16	11-05-18	7+	LATE NOTIFIED			Y	Y	Y	Y	118
71	MARDAN	MARDAN	KP/40/18/036	M	6	04-02-18	7+	08-03-18	09-03-18	VACC	N	Y	Y	Y	214
72	MARDAN	TAKHT BAH	KP/40/18/067	M	37	07-03-18	7+	24-04-18	25-04-18	EV	Y	N	Y	Y	183
73	MARDAN	MARDAN	KP/40/18/079	M	57	24-04-18	7+	10-05-18	11-05-18	NVI	Y	Y	Y	Y	135
74	MARDAN	MARDAN	KP/40/18/080	M	120	20-04-18	7+	11-05-18	13-05-18	NVI	N	Y	Y	Y	139
75	MARDAN	MARDAN	KP/40/18/084	M	101	13-04-18	7+	17-05-18	18-05-18	EV	Y	Y	Y	Y	146
76	MARDAN	MARDAN	KP/40/18/100	M	49	19-05-18	7+	12-06-18	14-06-18	NVI	Y	Y	Y	Y	110
77	MARDAN	MARDAN	KP/40/18/102	M	17	10-05-18	7+	15-06-18	17-06-18	NVI	Y	Y	N	Y	119
78	MARDAN	MARDAN	KP/40/18/109	F	6	05-06-18	5	30-06-18	01-07-18	NVI	N	N	Y	Y	93
79	NOWSHERA	NOWSHERA	KP/32/18/038	M	18	20-04-18	7+	04-05-18	05-05-18	NVI	Y	Y	N	Y	139
80	NOWSHERA	NOWSHERA	KP/32/18/048	M	168	08-05-18	3	01-06-18	02-06-18	NVI	N	N	N	Y	121
81	NOWSHERA	NOWSHERA	KP/32/18/051	M	13	27-04-18	7+	06-06-18	07-06-18	EV	Y	Y	Y	Y	132
82	NOWSHERA	CAMPS	KP/32/18/061	F	42	05-05-18	7+	27-06-18	28-06-18	NVI	Y	Y	Y	Y	124
83	PESHAWAR	PESHAWAR	KP/30/18/139	M	10	04-06-18	7+	19-06-18	20-06-18	NVI	Y	Y	Y		94
84	PESHAWAR	PESHAWAR	KP/30/18/182	M	28	25-05-18	7+	LATE NOTIFIED			Y	Y	Y	Y	104

* Afp.rec Data as of 10-09-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.4: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2018 Page (3/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
85	SWABI	TOPI	KP/41/18/061	M	78	31-05-18	3	13-06-18	16-06-18	NVI	N	N	Y	Y	98
86	SWABI	RAZAR	KP/41/18/069	F	15	18-04-18	7+	LATE NOTIFIED			N	Y	Y	Y	141
87	SWABI	LAHORE	KP/41/18/074	F	96	11-04-18	0	LATE NOTIFIED			N	Y	N	Y	148
88	SWABI	SWABI	KP/41/18/077	M	92	01-06-18	7+	17-07-18	18-07-18	NVI	N	Y	Y	Y	97
89	CHAGHAI	DALBANDIN	BN/13/18/004	M	42	23-04-18	6	07-05-18	08-05-18	EV	Y	Y	Y	Y	136
90	KABDULAH	CHAMAN	BN/14/18/005	F	12	07-02-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	211
91	KHARAN	KHARAN	BN/52/18/004	F	36	31-01-18	7+	LATE NOTIFIED			UK	UK	N		218
92	NSIRABAD	TAMBOO	BN/41/18/026	M	28	18-05-18	7+	LATE NOTIFIED			Y	Y	Y	Y	111
93	SHARANI	SHARANI	BN/26/18/004	F	18	13-05-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	116
94	SOHBATPUR	SOHBAT PUR	BN/66/18/004	M	48	16-03-18	7+	25-04-18	26-04-18	NVI	Y	Y	Y	Y	174
95	POONCH	ABBASPUR	AJ/40/18/007	M	24	20-01-18	7+	07-02-18	08-02-18	NVI	Y	Y	Y	Y	229
96	HUNZA	ALIABAD	GB/72/18/001	F	12	15-01-18	7+	04-03-18	05-03-18	NVI	UK	Y	UK		234
97	CDA	CDA	IB/01/18/022	M	68	04-06-18	7+	15-06-18	20-06-18	EV	N	Y	Y		94
98	BAJOUR	WARA MAMOUND	FT/33/18/047	F	3	05-06-18	2	23-06-18	24-06-18	NVI	Y	Y	Y		93
99	FR BANNU	FR BANNU	FT/69/18/021	M	18	09-05-18	7+	07-07-18	08-07-18	NVI	N	Y	UK		120
100	KHYBER	BARA	FT/34/18/031	M	10	15-02-18	7+	14-03-18	15-03-18	NVI	Y	Y	Y	Y	203
101	KURRAM	UPPER KURRAM	FT/52/18/016	M	16	26-05-18	7+	27-06-18	28-06-18	EV	N	N	UK		103

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€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.