



**World Health  
Organization**

**Weekly  
AFP Surveillance Update  
Pakistan**

**Week 29** (*Ended on 21<sup>st</sup> July, 2018*)

***National Surveillance Cell***

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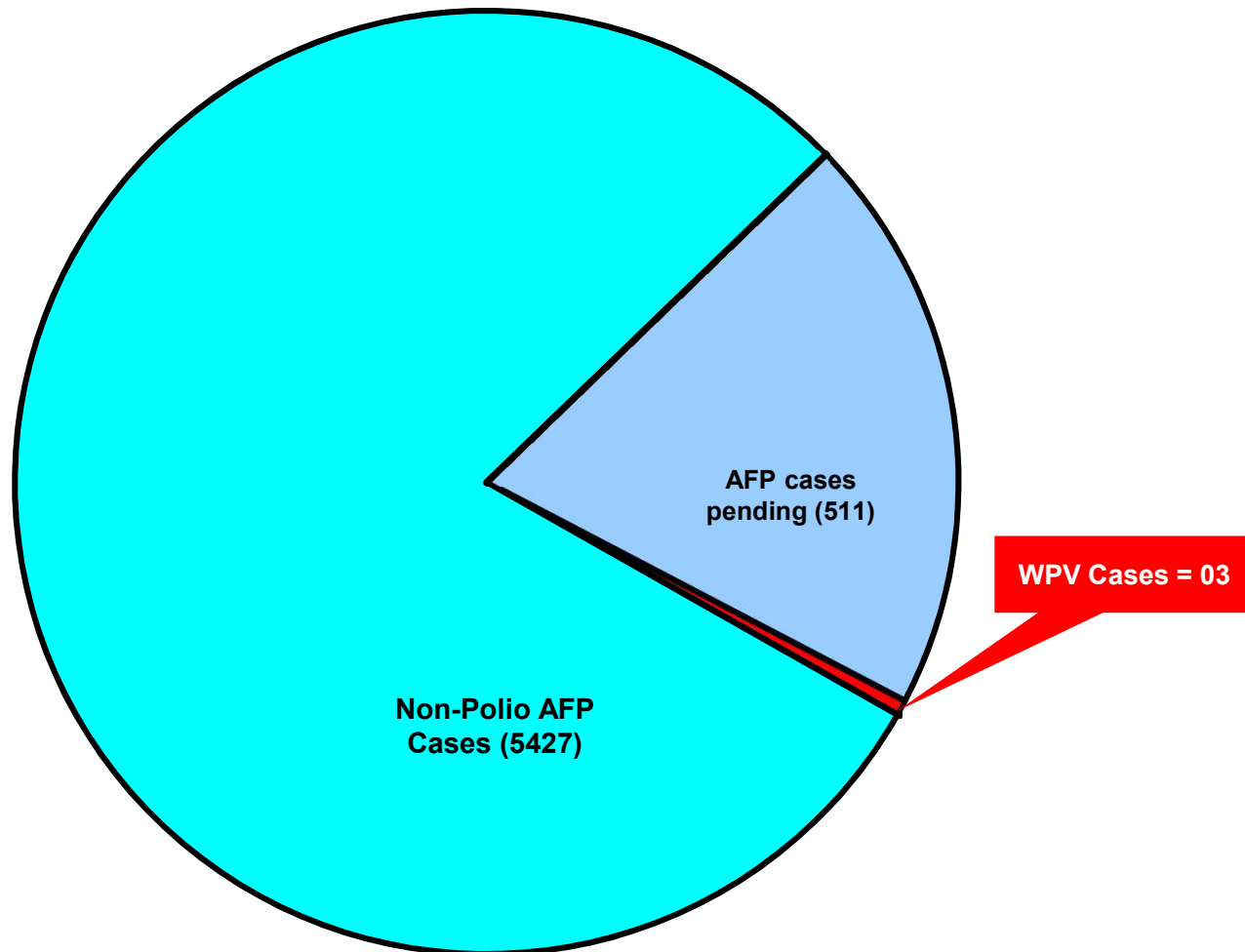
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AFP Surveillance



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

# AFP Case Profile, 2018\*



**Total AFP Cases Reported = 5941**

**^ 195 Inadequate cases not due for FUP**

**^ 316 AFP Cases pending in Lab**

**^73 AFP Cases pending for classification by ERC**

\* Afp.rec Data as of 23-07-2018

## 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

\* Afp.rec Data as of 23-07-2018

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

S. #	District	Tier	Tehsil	Basic information					OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks
				Union council	Epid number	Date of Onset	Age (N)	Sex	Date of 1st stool	Stool Adeq	Rt	SAs	Last 6 SAs	Last dose		Field	NSC	Lab No.	
<b>Isolates pending for ITSD</b>																			
1	KABDULAH	1	CHAMAN	M.ABAD-1	BN/14/18/015-C2	13	F	11-Jul-18	-	-	-	-	-	-	-	-	7994	4	L20B+
2	KABDULAH	1	CHAMAN	M.ABAD-1	BN/14/18/015-C3	21	M	11-Jul-18	-	-	-	-	-	-	-	-	7995	4	L20B+
3	KABDULAH	1	KABDULLAH	KABDULLAH1	BN/14/18/016	18	F	09-Jul-18	Y	0	7+	6	02-Jul-18	N	#	GIS	7886	6	L20B+
4	PESHAWAR	1	PESHAWAR	MASHOGAGAR	KP/30/18/165	26	M	10-Jul-18	Y	3	7+	6	06-Jul-18	N	N	ARTHRITIS (HIP JOINT)	7916	6	L20B+
5	PESHAWAR *	1	PESHAWAR	TOWN-3	KP/30/18/169-C3	27	M	13-Jul-18	-	-	-	-	-	N	-	-	8026	7	L20B+
6	HANGU *	2	THALL	KARBOGHA	KP/54/18/025	26	F	14-Jul-18	Y	3	7+	6	07-May-18	N	N	UNNOTICED TRAUMA	8064	5	L20B+
7	LAKKIMRWT	2	SARA E NAURANG	KOT KASHMIR	KP/62/18/069	20	M	12-Jul-18	Y	1	7+	6	09-May-18	N	N	ARTHRITIS	8023	4	L20B+
8	DGKHAN	2	TAUNSA	VEHOA	PB/81/18/146	8	M	06-Jul-18	Y	3	7+	6	08-May-18	N	#	HYPOCALEMIC PARALYSIS	7698	9	L20B+
9	SAHIWAL	4	CHICHAWATNI	UC-87	PB/65/18/063	15	F	11-Jul-18	Y	1	7	6	10-Apr-18	N	N	GIS	8003	4	L20B+
10	KHIGADAP	1	GADAP TOWN	UC-4	SD/63/18/029-C2	23	M	06-Jul-18	-	-	-	-	04-Jul-18	N	-	-	7705	9	L20B+
11	KAMBAR *	2	#	#	SD/55/18/051	38	F	11-Jul-18	Y	#	#	-	06-Jun-18	N	-	*	8071	5	L20B+
12	KHILIAQAT	4	LIAQAT	FIRDOUS	SD/70/18/012	13	F	04-Jul-18	N	3	7+	5	-	N	#	TRANSVERSE MYELITIS	7827	5	L20B+
13	KHILIAQAT	4	LIAQAT TOWN	FIRDOUS	SD/70/18/012-C1	46	F	05-Jul-18	-	-	-	-	-	N	-	-	7828	8	L20B+
<b>Reported urgent (by field / NSC criteria)</b>																			
14	DUKKI		DUKKI	SHARQ LONI	BN/65/18/012	11	F	11-Jul-18	Y	0	6	6	27-Jun-18	N	Y	INJECTION NEURITIS	8039	6	UP
15	BATTAGRAM		BATTAGRAM	SHAMLAI	KP/11/18/019	15	M	01-Jul-18	N	3	7+	6	09-Apr-18	Y	N	Suspected Polio myelitis	7456	20	UP
16	PESHAWAR *	1	PESHAWAR	TOWN-3	KP/30/18/169	93	F	12-Jul-18	-	#	#	-	-	N	N	HOOF DROP SECONDARY TO MENINGOCOCLE	8013	7	UP
17	FAISALABAD	4	JARANWALA	UC 43	PB/51/18/131	7	F	07-Jul-18	N	3	3	3	01-Jun-18	N	Y	TRAUMATIC NEURITIS	7759	13	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    OPending for genomic sequencing

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

S. #	District	Tier	Tehsil	Basic information						OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks	
				Union council	Epid number	Date of Onset	Age (M) x	Sex	Date of 1st stool	Stool Adeq	RI	SIA <sub>s</sub>	Last 6 SIA <sub>s</sub>	Last dose	Field		NSC	Lab No.	Days Inoc		Culture update
18	KHIGADAP	1	GADAP TOWN	UC-4	SD/63/18/029	26-Jun-18	20	F	03-Jul-18	Y	0	7	3	08-May-18	Y	N	Polio myelitis / traumatic neuritis	7564	18	UP	Index of C-2
19	MIRPURKHAS	4	JHUDO	AHORI	SD/31/18/034	04-Jul-18	12	M	10-Jul-18	Y	3	3	3	08-May-18	N	Y	TRAUMA	7853	11	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

# 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	
<b>Balochistan</b>	1	3	1	1	18-May-18
<b>Sindh</b>	0	0	0	0	09-Nov-17
<b>Khyber Pakhtunkhwa</b>	0	0	0	0	21-Aug-17
<b>FATA / FR Areas</b>	0	0	0	0	27-Jul -16
<b>G-Baltistan</b>	1	0	1	0	13-Feb-17
<b>Punjab</b>	1	0	1	0	28-Jan-17
<b>Pakistan</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>18-May-18</b>

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

\* Afp.rec Data as of 23-07-2018



## 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	894	715	0	0	74	8	105	12%	0	894	100%
March	967	766	0	0	28	3	172	18%	1	966	100%
April	982	733	0	0	31	3	218	22%	1	982	100%
May	990	722	2	0	30	3	235	24%	1	987	100%
June	751	548	21	3	17	2	165	22%	0	730	97%
July	277	94	154	7	10	4	19	7%	0	123	44%
<b>Total</b>	<b>5871</b>	<b>4421</b>	<b>177</b>	<b>10</b>	<b>266</b>	<b>5</b>	<b>1005</b>	<b>17%</b>	<b>03</b>	<b>5692</b>	<b>97%</b>

\* Data as of Jul 23, 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	35			0	0%	30	1		1	3%	11-Jun-18
MULTAN	20	1		1	5%	19			0	0%	9-Jan-17
DGKHAN	21			0	0%	13		1	1	8%	12-Feb-18
RAWALPINDI	16	4	2	6	38%	14	3	2	5	36%	10-Jul-18
FAISALABAD	14			0	0%	12			0	0%	2-Jul-16
SARGODHA	6			0	0%	6			0	0%	
BAHAWALPUR	7			0	0%	6			0	0%	
RAJANPUR						6			0	0%	
CDA	7	5		5	71%	7	3		3	43%	10-Jul-18
KHIGIQBAL	15	2	1	3	20%	12			0	0%	10-Oct-17
KHIGADAP	21	10		10	48%	18	6		6	33%	8-Jun-18
KHIBALDIA	7			0	0%	6			0	0%	3-Nov-17
KHILANDHI	7	4		4	57%	5	2		2	40%	20-Apr-18
KHIKORANGI	7			0	0%	5			0	0%	16-Oct-17
KHISITE	7			0	0%	6	1		1	17%	1-Jan-18
KHISADDAR						5			0	0%	
KHILIAQAT						5	1		1	20%	7-Mar-18
SUKKUR	17	1		1	6%	13		1	1	8%	8-Feb-18
HYDERABAD	7			0	0%	6	1		1	17%	9-Feb-18
JACOBABAD	7			0	0%	8	1	1	2	25%	7-Mar-18
SANGHAR	7			0	0%	1			0	0%	
DADU	7			0	0%	6			0	0%	
KAMBAR	7			0	0%	6	2		2	33%	7-May-18
PESHAWAR	16	3	2	5	31%	14	8	1	9	64%	10-Jul-18
DIKHAN	14			0	0%	12			0	0%	16-Jul-16
BANNU	5			0	0%	7		1	1	14%	31-Mar-18
KOHAT	6			0	0%	7	3		3	43%	27-Jun-18
CHARSADA	7			0	0%	6			0	0%	
MARDAN	7			0	0%	6			0	0%	
NOWSHERA	7			0	0%	6			0	0%	
KABDULAH	14	10		10	71%	13	1		1	8%	1-Jan-18
QUETTA	28	8	1	9	32%	25	4		4	16%	28-May-18
PISHIN	7	4		4	57%	7			0	0%	2-Oct-17
KHUZDAR	6			0	0%	6			0	0%	
LORALAI	7			0	0%	5	1		1	20%	17-Mar-18
ZHOB	7			0	0%	6			0	0%	18-Dec-17
WAZIR-S						3			0		
BAJOUR						3	1		1	33%	19-May-18
PAKISTAN	373	52	6	58	16%	341	39	7	46	13%	10-Jul-18

New Positive Sample

\* Afp.rec Data as of 23-07-2018

## WPV and cVDPV Cases by District in 2018

PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
BALUCHISTAN	DUKKI	18-May	3		

# 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 = 03
- Sewage water = 10 (no WPV case)
- Total = 13

### 2017

#### Source

##### AFP Surveillance

- P1 = 03
- Compatible = 0
- cVDPV Cases = -
- cVDPV Env = -

##### Sewage water

- Grab = 52
- BMFS = 06

## Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

- WPV cases = 01
- Sewage water = 19 (no WPV case)
- Total = 20

### 2018

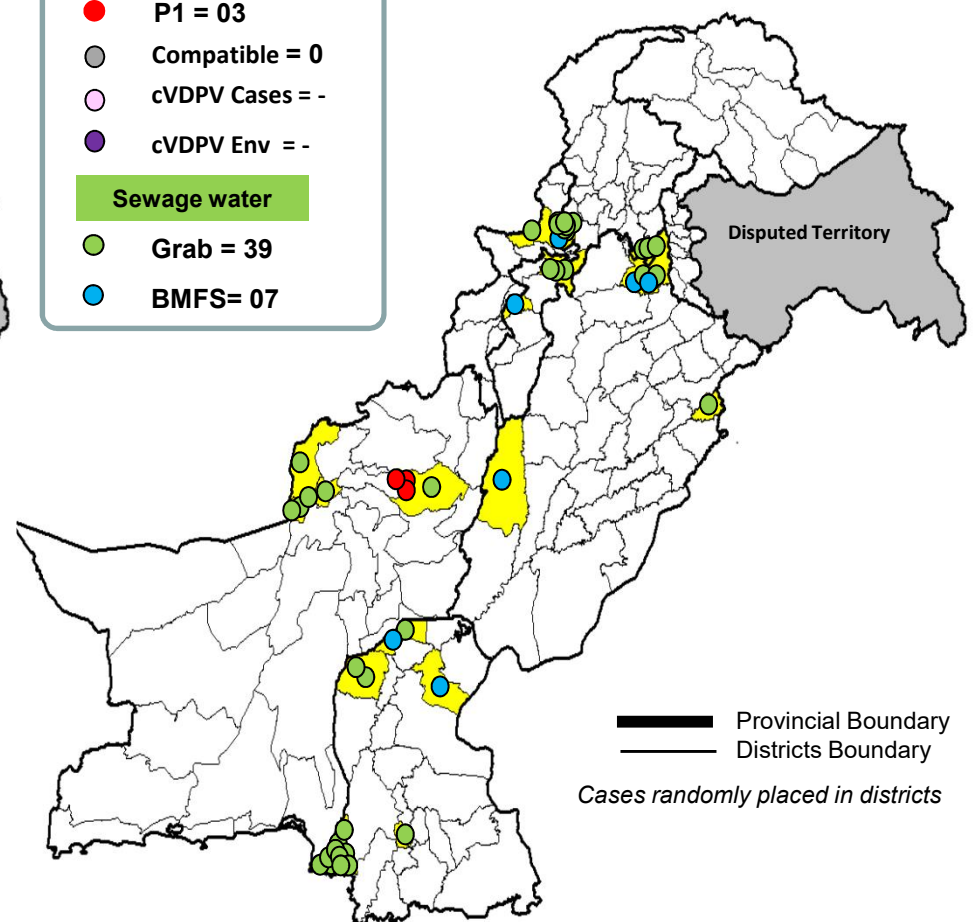
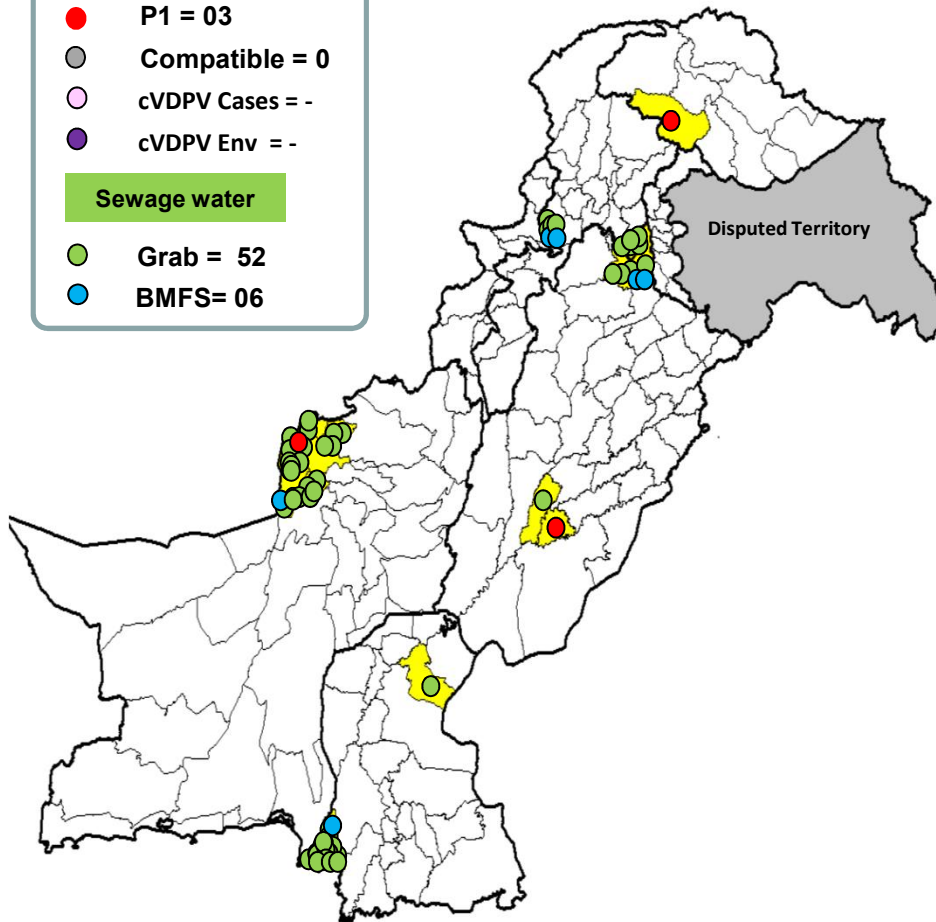
#### Source

##### AFP Surveillance

- P1 = 03
- Compatible = 0
- cVDPV Cases = -
- cVDPV Env = -

##### Sewage water

- Grab = 39
- BMFS = 07



— Provincial Boundary  
 — Districts Boundary

Cases randomly placed in districts




\* Afp.rec Data as of 23-07-2018

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

Districts/Towns with Wild Polio Cases = 01



Province/ Country	Date of Last Case		Number of cases 2017		Number of cases 2018	
	P1	P3	P1	P3	P1	P3
FATA	Jul, 2016	Apr, 2012	-	-	-	-
KHYBER-PAKHTUNKHWA	Aug, 2017	Oct, 2010	01	-	-	-
SINDH	Nov, 2017	Jan, 2010	02	-	-	-
BALUCHISTAN	Apr, 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	-	-	-	-
<b>PAKISTAN</b>	<b>Apr, 2018</b>	<b>Apr, 2012</b>	<b>08</b>	<b>-</b>	<b>03</b>	<b>-</b>

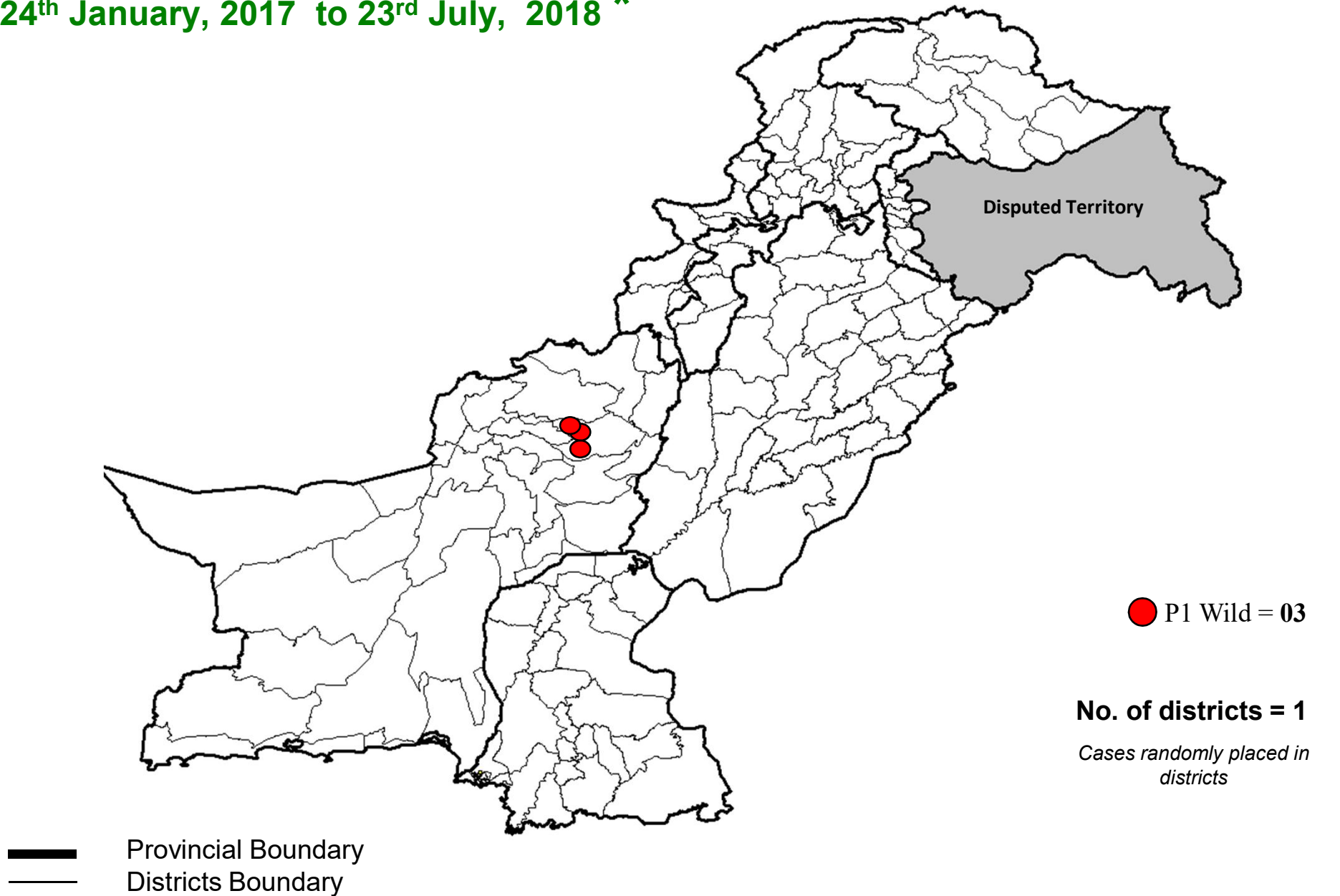
-  District with last polio case in province
-  Provincial Boundary
-  Districts Boundary

Cases randomly placed in districts

\* Afp.rec Data as of 23-07-2018

## Map 3: Wild Polio cases in the last 6 months

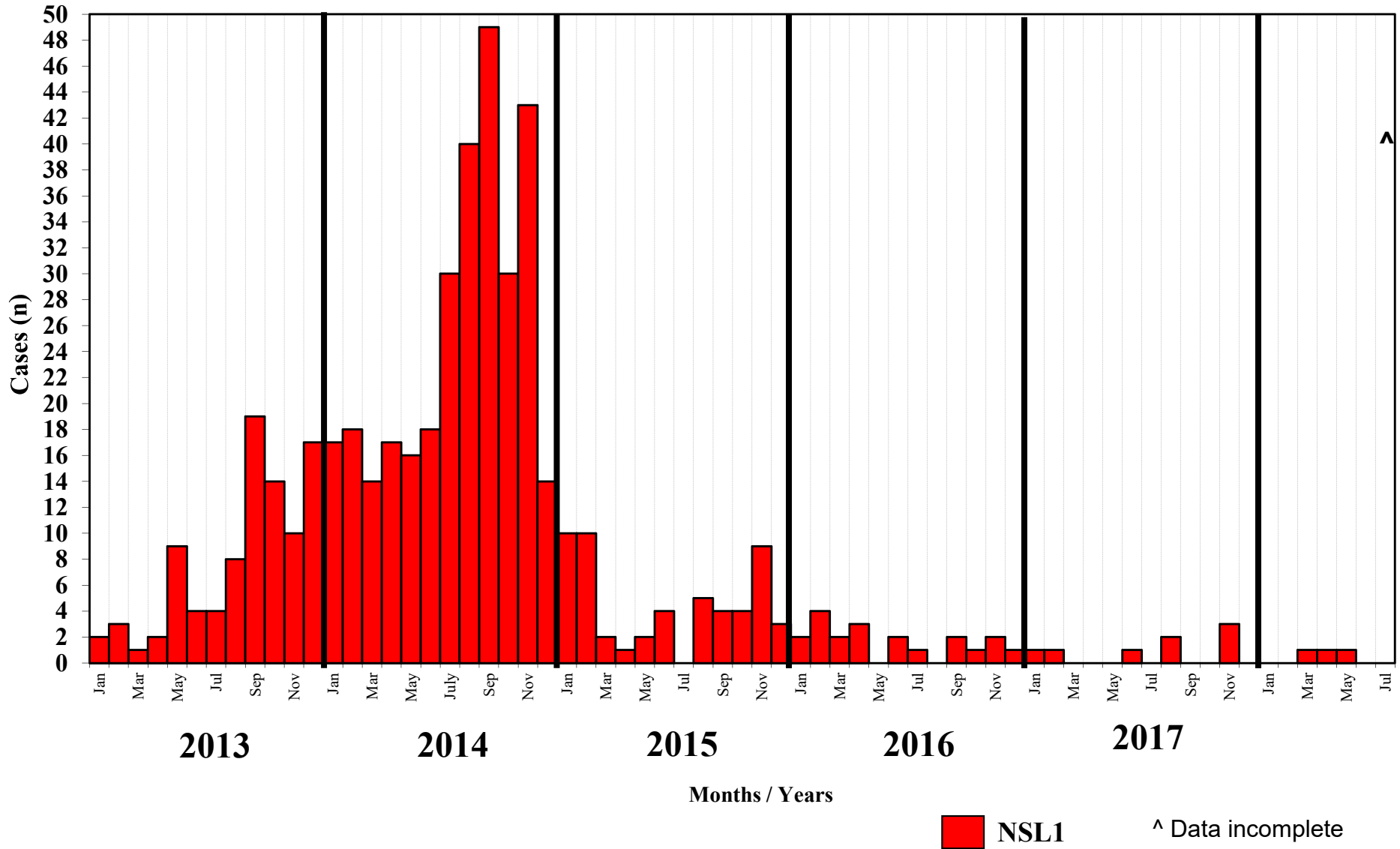
24<sup>th</sup> January, 2017 to 23<sup>rd</sup> July, 2018 \*



\* Afp.rec Data as of 23-07-2018

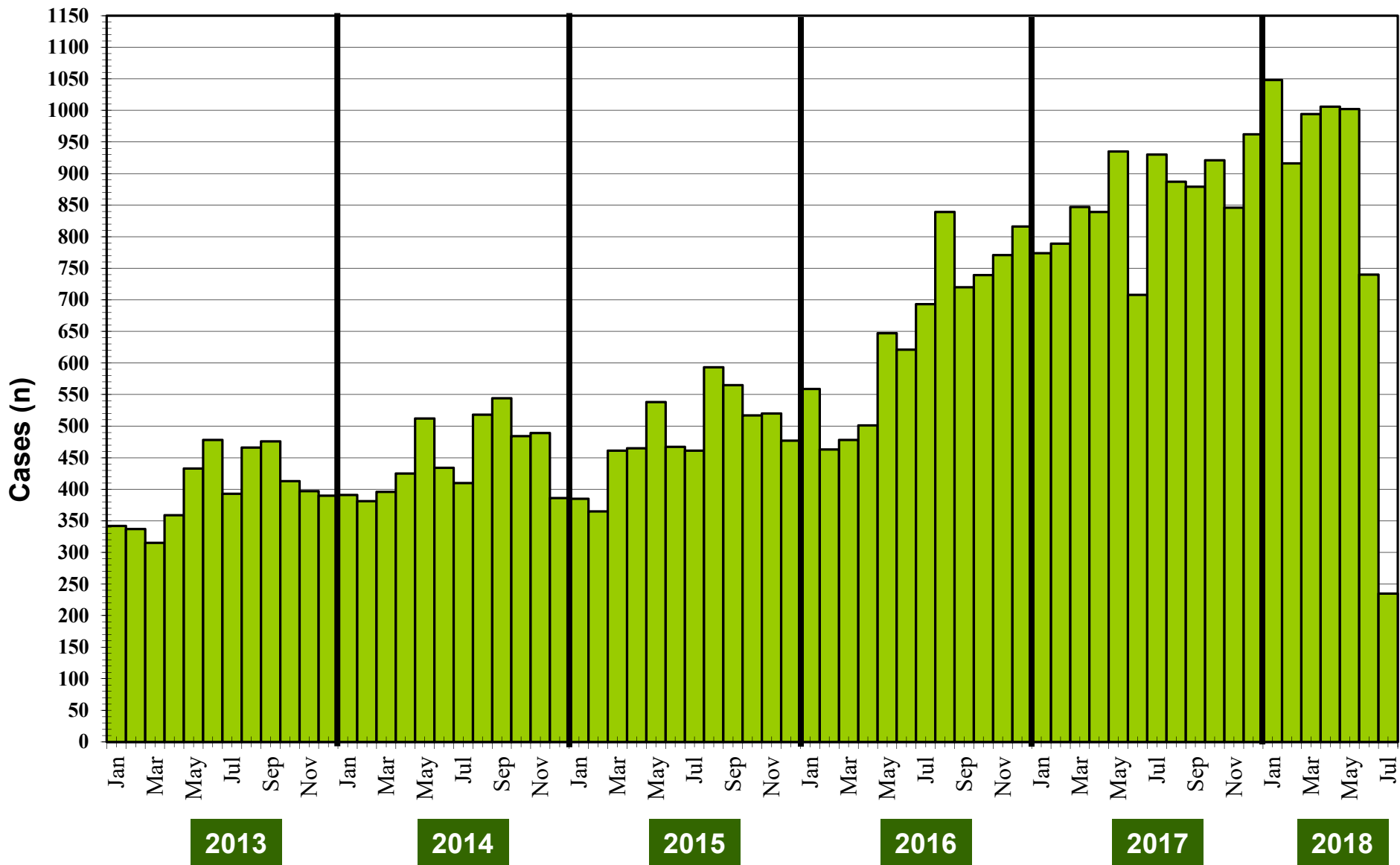
# Confirmed Polio Cases 2013-2018\*

2018



\* Afp.rec Data as of 23-07-2018

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



\* Afp.rec Data as of 23-07-2018

**Table 4: Distribution of AFP Cases By Week of Onset <sup>^</sup>  
Pakistan- 2017-2018\* [Week number / Ending on]**

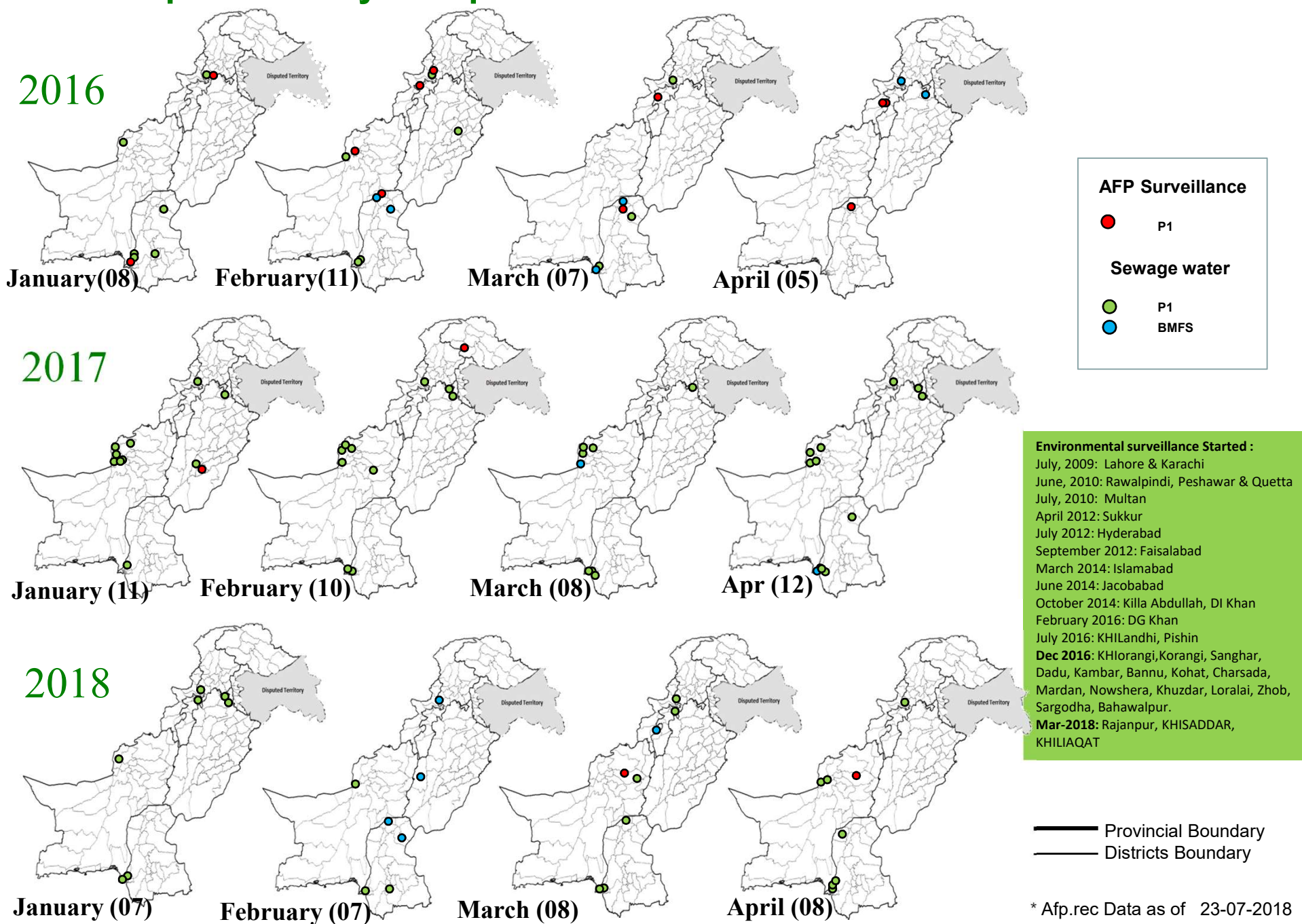
<b>PROVINCE</b>	<b>W 14 7 Apr 2018</b>	<b>W 15 14 Apr 2018</b>	<b>W 16 21 Apr 2018</b>	<b>W 17 28 Apr 2018</b>	<b>W 18 05 May 2018</b>	<b>W 19 12 May 2018</b>	<b>W 20 19 May 2018</b>	<b>W 21 26 May 2018</b>	<b>W 22 01 Jun 2018</b>	<b>W 23 08 Jun 2018</b>	<b>W 24 15 Jun 2018</b>	<b>W 25 22 Jun 2018</b>	<b>W 26 30 Jun 2018</b>	<b>W 27 07 Jul 2018</b>	<b>W 28 14 Jul 2018</b>
<b>PUNJAB</b>	105	97	113	97	127	135	102	107	98	99	90	88	75	83	35
<b>SINDH</b>	48	53	40	37	45	40	32	36	38	25	23	29	33	35	7
<b>FATA</b>	20	19	13	8	23	14	7	6	1	6	6	10	15	10	2
<b>BALUCHISTAN</b>	13	16	10	15	8	9	7	9	9	10	5	7	7	10	1
<b>AJK</b>	11	2	6	2	7	6	3	1	4	3	5	3	3	1	1
<b>GILGIT BILTISTAN</b>	2	6	2	2	2	3	3	2	2	0	0	2	2	2	1
<b>ISLAMABAD</b>	1	0	1	2	2	1	0	0	2	1	0	2	1	0	0
<b>KPAKHTUNKHWA</b>	59	54	30	41	52	55	37	38	38	35	31	35	38	38	13
<b>PAKISTAN</b>	<b>259</b>	<b>247</b>	<b>215</b>	<b>204</b>	<b>266</b>	<b>263</b>	<b>191</b>	<b>199</b>	<b>192</b>	<b>179</b>	<b>160</b>	<b>176</b>	<b>174</b>	<b>179</b>	<b>60</b>

\* Afp.rec & Afplab.rec: Data as of 23-07-2018

<sup>^</sup> MMWR Epidemiological Weeks

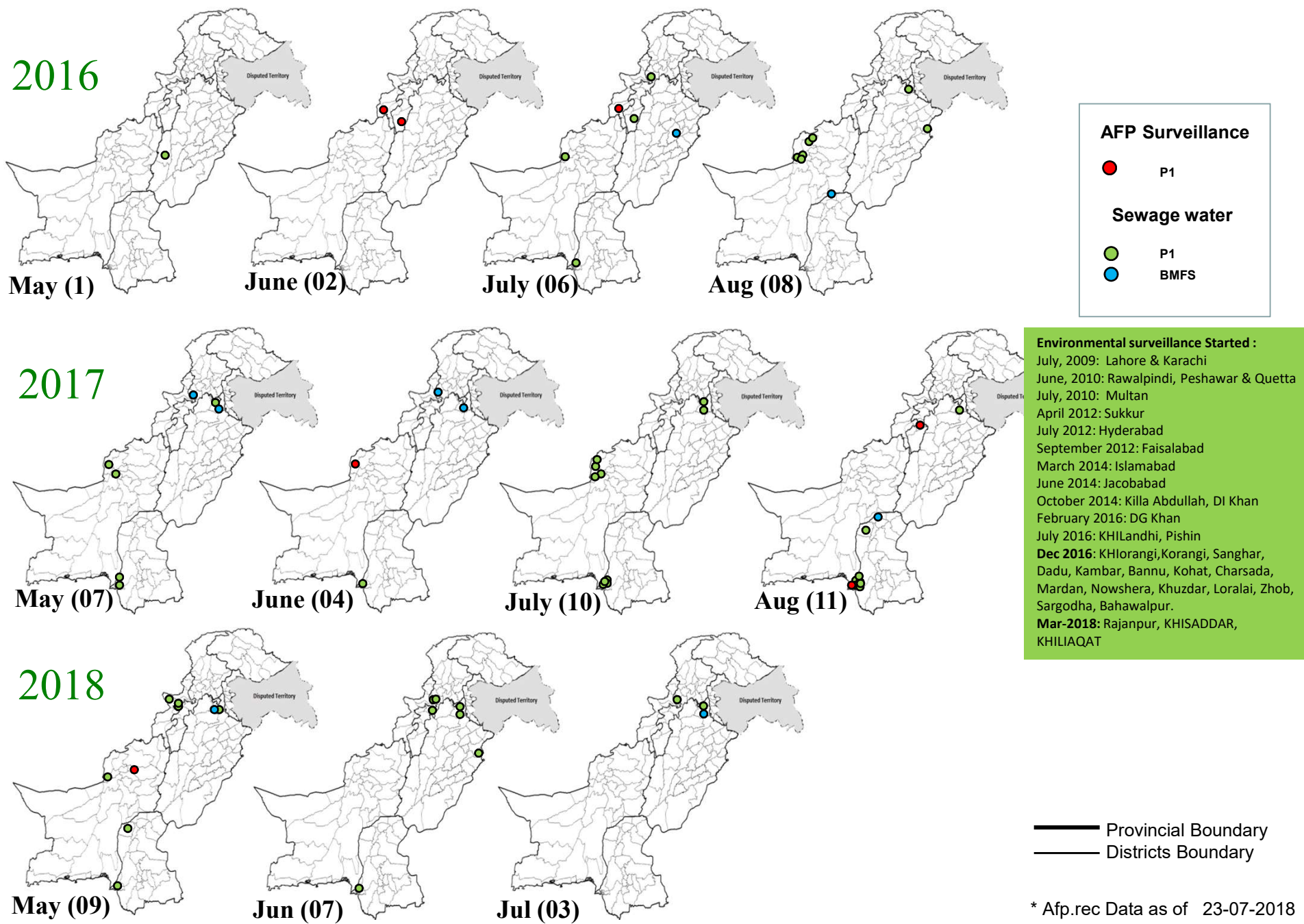


# Map 4: Monthly Comparison of Polio Cases/Isolates 2016-2018\*



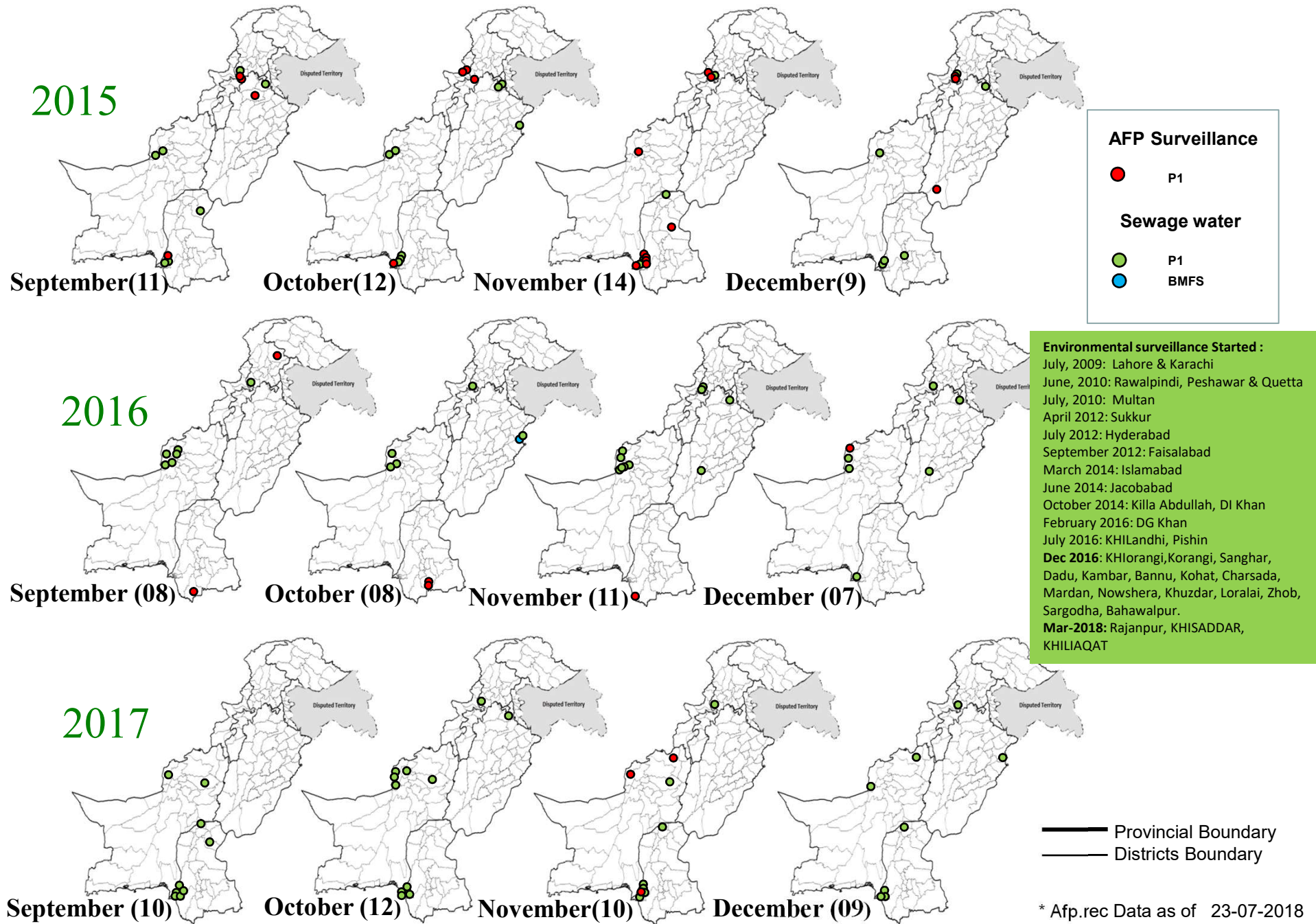
\* Afp.rec Data as of 23-07-2018

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



\* Afp.rec Data as of 23-07-2018

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



\* Afp.rec Data as of 23-07-2018

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

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

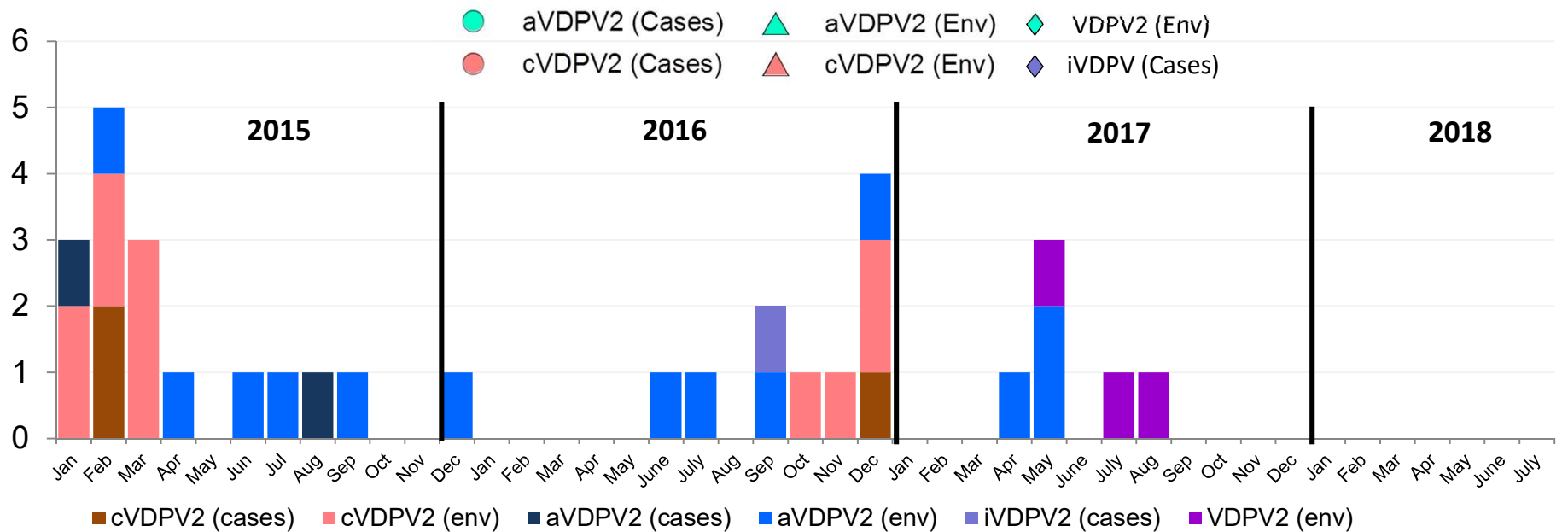
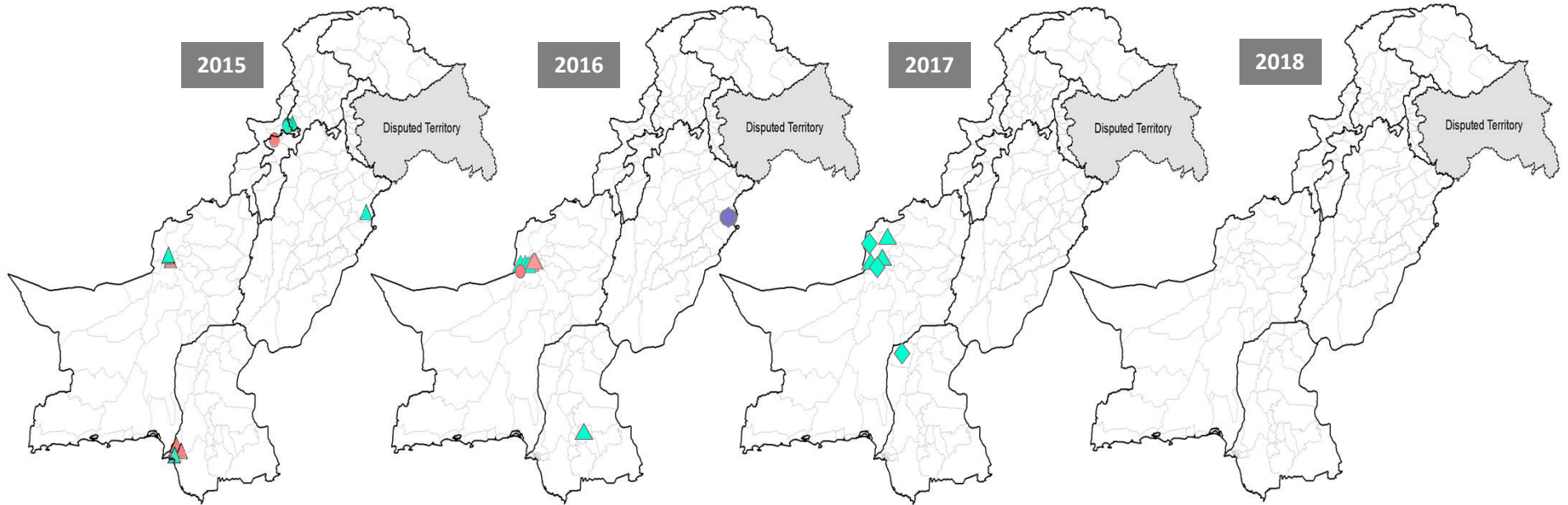


\* Afp.rec Data as of 23-07-2018

# 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		
<b>BALOCHISTAN</b>					<b>2</b>		<b>1</b>			<b>3</b>			<b>1</b>	<b>4</b>		<b>3</b>				<b>2</b>		
FR BANNU				8																		
KHYBER	1		2		1		1															
MOHMAND																						
WAZIR-N	2		7																			
WAZIR-S	1																					
<b>FATA</b>	<b>4</b>		<b>17</b>		<b>1</b>		<b>1</b>															
BANNU			1																			
HANGU							1															
LAKKIMRWT			1																			
PESHAWAR			1				1															
<b>KPAKHTUNKHWA</b>			<b>3</b>		<b>1</b>		<b>1</b>															
LAHORE	1				1					1												
<b>PUNJAB</b>	<b>1</b>				<b>1</b>					<b>1</b>												
KAMBAR																				1		
KHIGADAP		2	1	7				6														
KHIGIQBAL		1					2															
KHIGULBERG					1																	
HYDERABAD										1												
<b>SINDH</b>	<b>3</b>	<b>1</b>	<b>7</b>		<b>1</b>	<b>2</b>	<b>6</b>			<b>1</b>										<b>1</b>		
<b>PAKISTAN</b>	<b>5</b>	<b>3</b>	<b>21</b>	<b>7</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>7</b>		<b>4</b>	<b>1</b>		<b>1</b>	<b>4</b>		<b>3</b>				<b>3</b>		

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



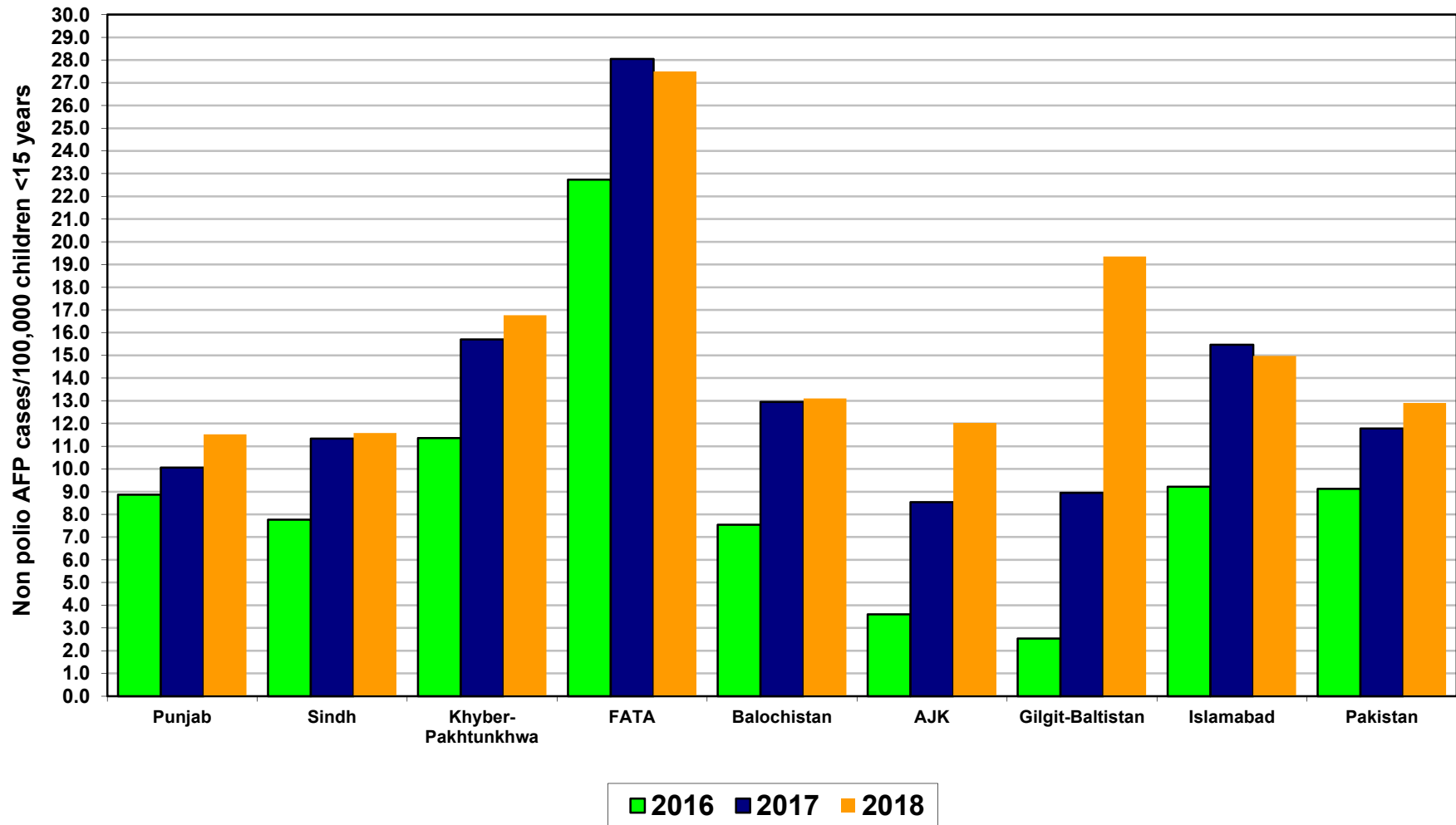
\* Afp.rec Data as of 23-07-2018

**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%	2%	2%	2%	2%	98%	97%	96%
South Punjab	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	1%	98%	98%	98%
<b>PUNJAB</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>2%</b>	<b>1%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>
Karachi	0%	1%	0%	1%	1%	0%	1%	1%	1%	5%	7%	5%	93%	91%	94%
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%	0%	6%	4%	1%	92%	95%	98%
<b>SINDH</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>5%</b>	<b>4%</b>	<b>3%</b>	<b>93%</b>	<b>95%</b>	<b>96%</b>
Central Khyber Pakhtunkhwa	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	1%	99%	98%	98%
North Khyber Pakhtunkhwa	1%	0%	0%	1%	1%	0%	0%	1%	0%	2%	3%	2%	96%	94%	98%
South Khyber Pakhtunkhwa	0%	0%	1%	1%	2%	0%	1%	2%	1%	1%	4%	3%	96%	92%	95%
<b>Khyber Pakhtunkhwa</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>3%</b>	<b>2%</b>	<b>97%</b>	<b>95%</b>	<b>97%</b>
<b>FATA</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>2%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>10%</b>	<b>8%</b>	<b>3%</b>	<b>88%</b>	<b>91%</b>	<b>96%</b>
Rest of Balochistan	7%	3%	0%	7%	9%	3%	2%	4%	0%	23%	13%	16%	62%	71%	80%
North Balochistan	0%	4%	0%	3%	6%	3%	3%	2%	0%	10%	10%	6%	83%	78%	92%
Quetta Block	1%	0%	5%	1%	1%	0%	4%	0%	0%	10%	7%	0%	83%	92%	95%
<b>BALUCHISTAN</b>	<b>2%</b>	<b>2%</b>	<b>2%</b>	<b>3%</b>	<b>4%</b>	<b>2%</b>	<b>3%</b>	<b>3%</b>	<b>0%</b>	<b>13%</b>	<b>10%</b>	<b>8%</b>	<b>80%</b>	<b>82%</b>	<b>89%</b>
<b>PAKISTAN</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>4%</b>	<b>4%</b>	<b>2%</b>	<b>95%</b>	<b>95%</b>	<b>97%</b>

\* Afp.rec Data as of 23-07-2018

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

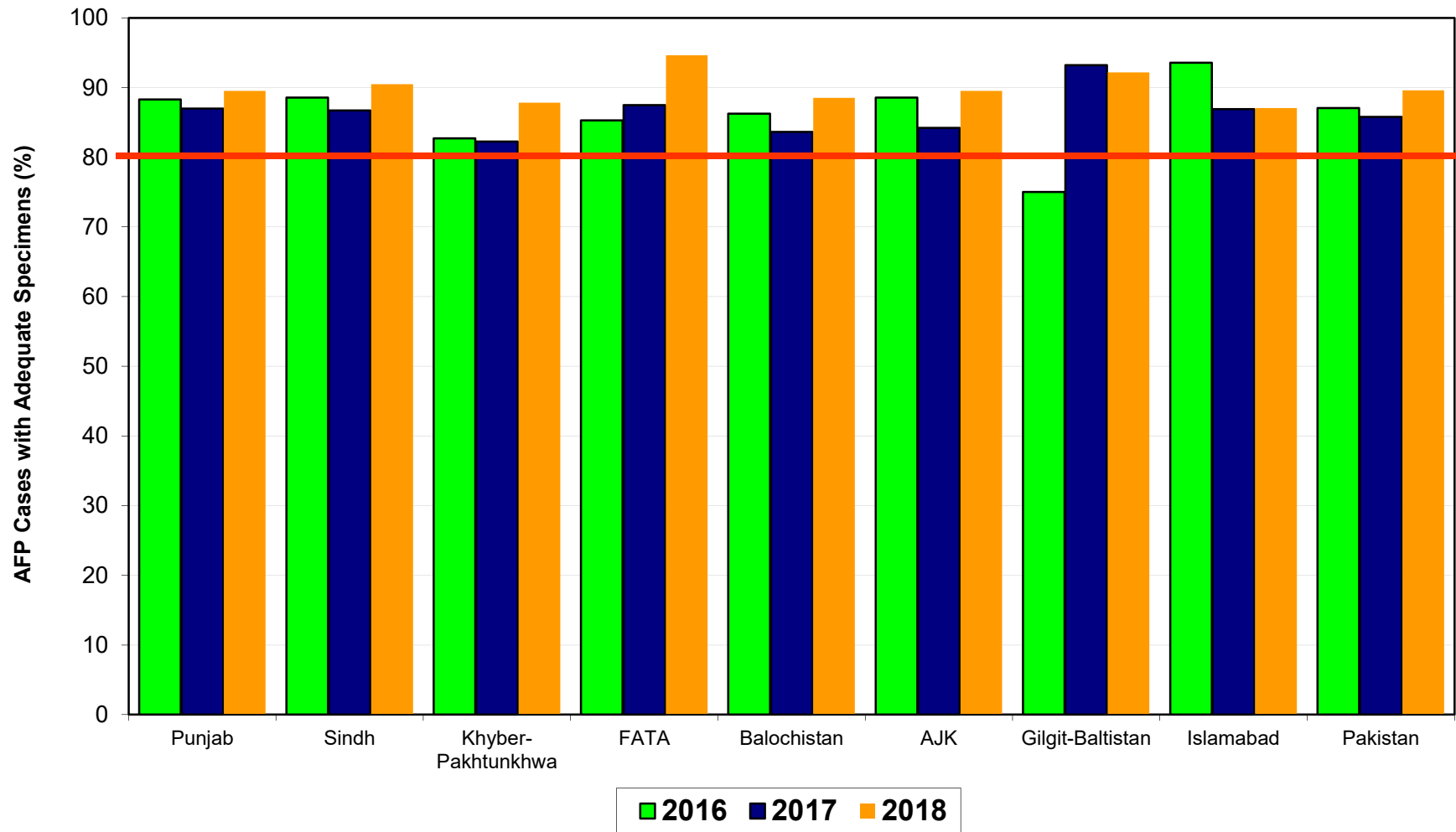


Minimum Target Non-Polio AFP Rate for Tier-1 and Tier-2 districts is 6/100000 < 15 years of the age  
 Minimum Target Non-Polio AFP Rate for Tier-3 and Tier-4 districts is 3/100000 < 15 years of the age

\* Afp.rec Data as of 23-07-2018



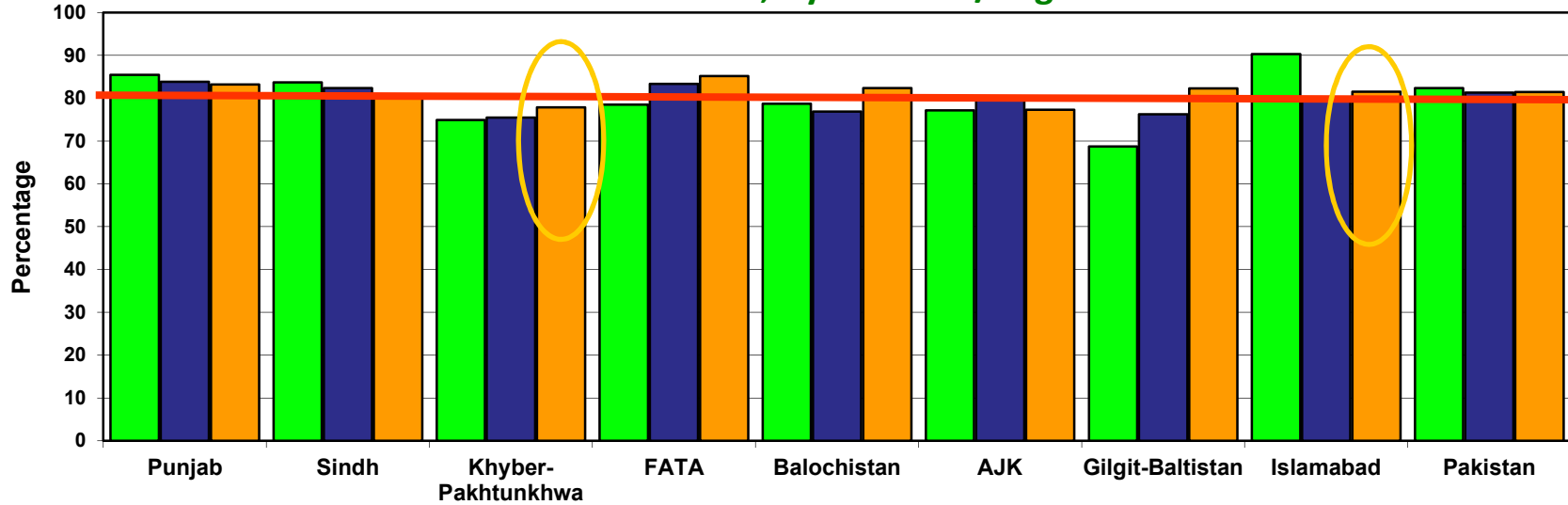
# Percent AFP Cases with Adequate Specimens By Province/Regions, 2016-2018\*



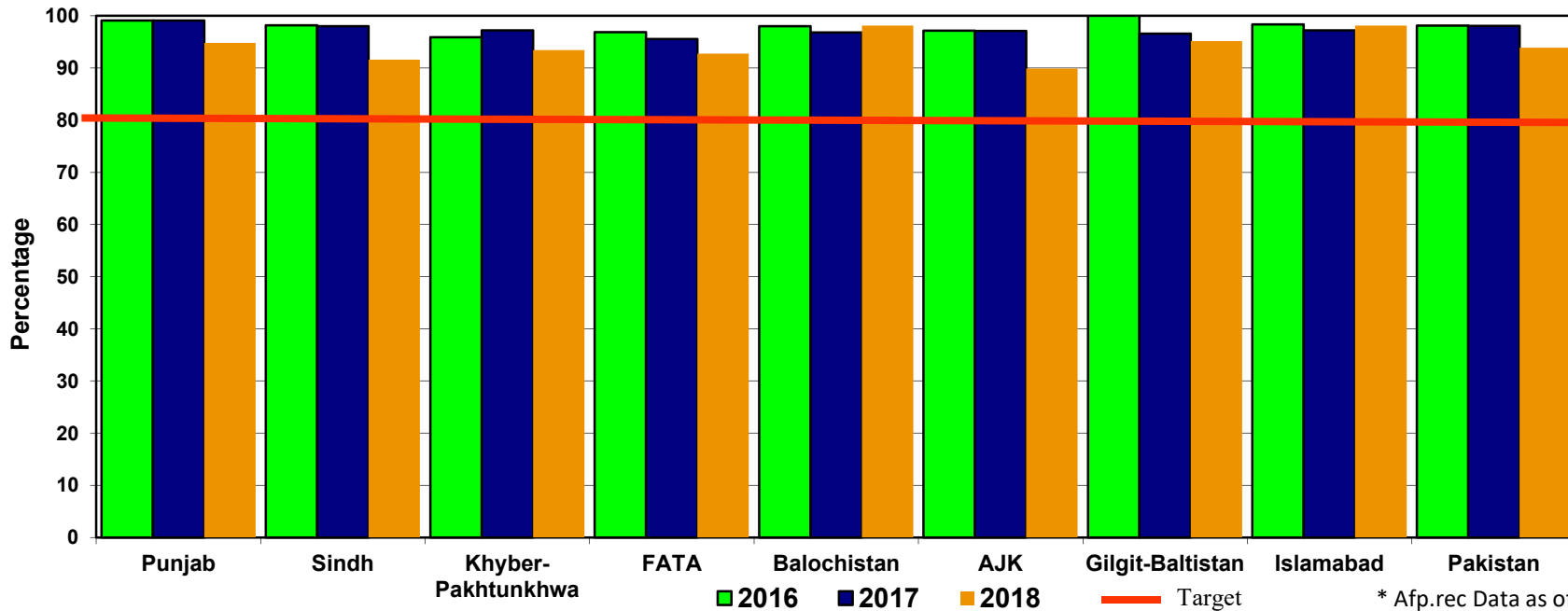
\* Afp.rec Data as of 23-07-2018

— Target Adequate Sample cases = 80%

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

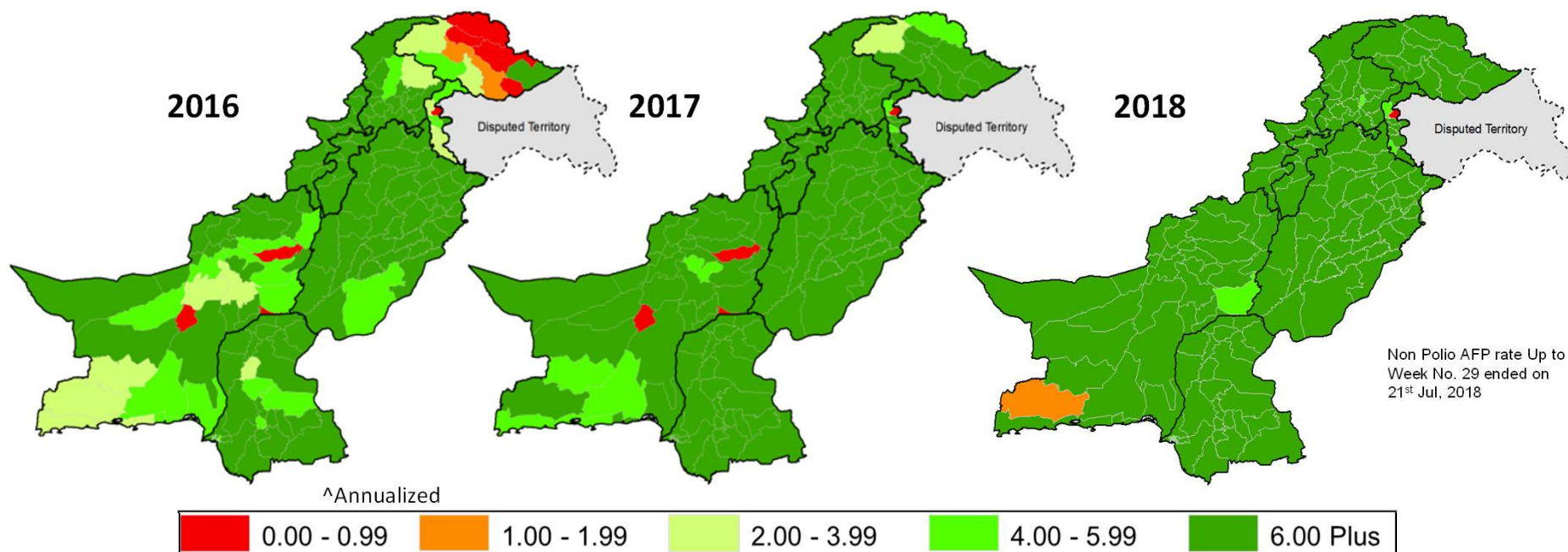


**Graph 6: Percent AFP Cases Investigated within 48 hours of notification  
2016 ~ 2018\*; By Province/Regions**

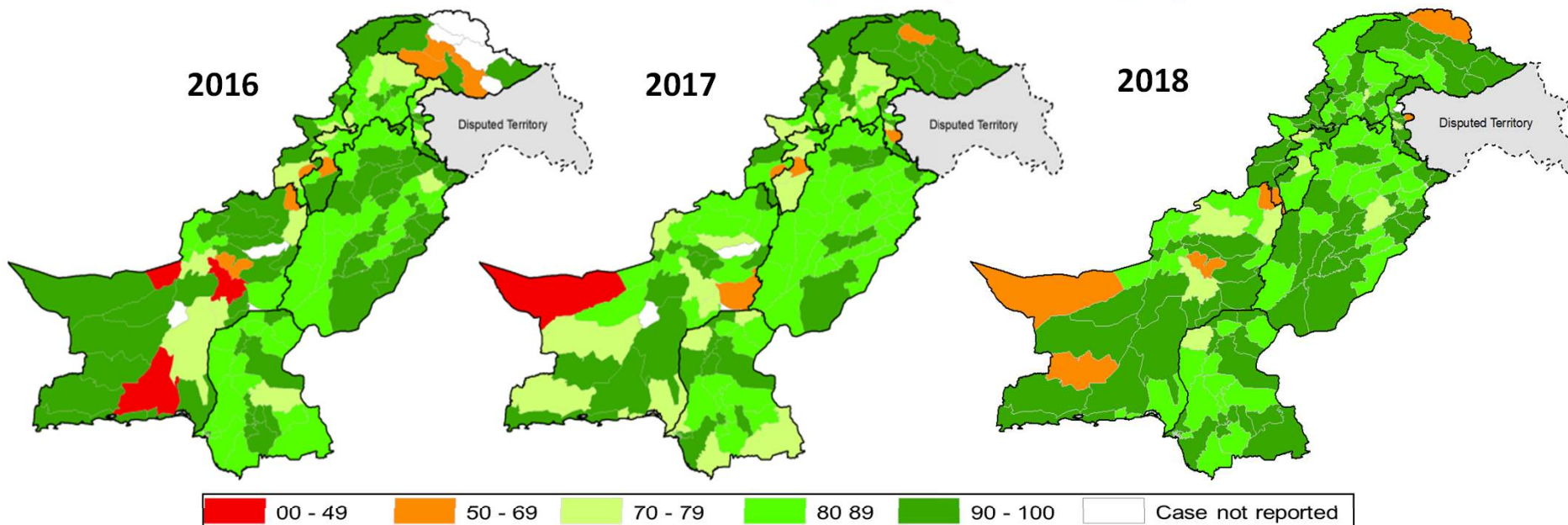


\* Afp.rec Data as of 23-07-2018

## 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 (1/2)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	BATAGRAM	BATAGRAM	KP/11/18/017	F	18	10-04-18	7+	30-06-18		EV	UK	UK	UK		104
2	BUNER	BUNER	KP/22/18/012	M	36	07-02-18	7+	06-04-18	07-04-18	NVI	UK	UK	UK		166
3	FAISALABAD	FAISALABAD	PB/51/18/130	F	36	10-04-18	7+	03-07-18	04-07-18	NVI	UK	UK	UK		104
4	SUJAWAL	SUJAWAL	SD/79/18/054	F	6	15-04-18	7+	11-05-18	13-05-18	EV	UK	UK	UK	Y	99
5	BAHWLNAGAR	MINCHANABA	PB/73/18/001	M	36	05-01-18	7+	DIED BEFORE STOOL			N	N	Y	DIED	199
6	FAISALABAD	JARANWALA	PB/51/18/100	M	19	17-04-18	7+	20-05-18	21-05-18	EV	N	Y	Y	Y	97
7	FAISALABAD	FSD CITY	PB/51/18/133	M	25	17-03-18	7+	LATE NOTIFIED			Y	Y	Y	Y	128
8	GUJRAT	KHARIAN	PB/23/18/038	F	58	11-03-18	7+	DIED BEFORE STOOL			N	N	Y	DIED	134
9	KHUSHAB	NOORPUR THUL	PB/42/18/021	M	156	17-04-18	3	09-05-18	10-05-18	NVI	Y	Y	Y	Y	97
10	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	169
11	MBDIN	PHALIA	PB/24/18/024	M	19	10-03-18	7+	29-03-18	30-03-18	NVI	Y	Y	Y	Y	135
12	MIANWALI	EISAKHAIL	PB/43/18/026	M	24	02-04-18	3	20-04-18	21-04-18	NVI	Y	Y	Y		112
13	RAJANPUR	JAM PUR	PB/82/18/081	M	22	05-04-18	7+	LATE NOTIFIED			Y	Y	Y		109
14	RAJANPUR	JAM PUR	PB/82/18/087	M	20	16-04-18	7+	LATE NOTIFIED			Y	Y	Y	Y	98
15	RYKHAN	RAHIMYAR KHAN	PB/72/18/098	M	27	13-03-18	7+	20-04-18	21-04-18	NVI	N	Y	Y	Y	132
16	SARGODHA	SILANWALI	PB/41/18/025	M	24	08-02-18	7+	27-03-18	28-03-18	NVI	Y	Y	Y	Y	165
17	SARGODHA	SARGODHA	PB/41/18/029	F	24	22-03-18	7+	11-04-18	12-04-18	EV	N	N	Y	Y	123
18	BADIN	TANDO BAGO	SD/23/18/021	M	18	17-03-18	7+	31-03-18	01-04-18	NVI	Y	Y	Y	Y	128
19	BADIN	TALHAR	SD/23/18/019	M	60	23-03-18	7+	31-03-18	17-04-18	NVI	N	N	Y	Y	122
20	GHOTKI	KHAN GARH	SD/42/18/029	F	96	26-03-18	7+	DIED BEFORE STOOL			Y	N	UK	DIED	119
21	HYDERABAD	HYDERABAD RURAL	SD/21/18/025	M	59	22-03-18	7+	06-04-18	07-04-18	NVI	Y	Y	Y	Y	123
22	KAMBAR	SIJAWAL	SD/55/18/030	M	20	04-04-18	7+	25-04-18	26-04-18	EV	Y	Y	Y		110
23	KAMBAR	KAMBAR	SD/55/18/040	M	9	19-03-18	7+	LATE NOTIFIED			N	Y	Y	Y	126
24	KASHMORE	KASHMORE	SD/54/18/015	F	80	31-03-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	114
25	KHAIRPUR	KINGRI	SD/43/18/039	F	24	31-03-18	7+	11-04-18		NVI	Y	Y	Y	DIED	114
26	KHIGADAP	GADAP	SD/63/18/014	M	21	06-01-18	7+	LATE NOTIFIED			Y	Y	UK	Y	198
27	KHIKORANGI	KORANGI	SD/68/18/014	M	120	02-04-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	112
28	KHINNAZIM	NNAZIM	SD/74/18/012	M	6	15-03-18	7+	12-04-18	13-04-18	VACC	Y	Y	Y	Y	130
29	LARKANA	DOKRI	SD/51/18/034	M	60	18-03-18	7+	08-05-18	09-05-18	NVI	N	Y	Y		127
30	UMERKOT	UMERKOT	SD/34/18/031	M	61	16-04-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	98
31	ABOTABAD	HAWALLIAN	KP/10/18/014	F	119	26-02-18	7+	13-03-18	14-03-18	NVI	Y	Y	Y	Y	147
32	BANNU	BANNU	KP/61/18/020	M	35	11-04-18	7+	02-05-18	05-05-18	NVI	Y	N	Y	Y	103
33	BATAGRAM	BATTAGRAM	KP/11/18/013	F	84	15-01-18	7+	LATE NOTIFIED			Y	N	Y	Y	189
34	CHARSADA	CHARSADDA	KP/31/18/051	M	18	03-04-18	7+	18-04-18	19-04-18	NVI	Y	Y	Y	Y	111
35	CHARSADA	CHARSADDA	KP/31/18/055	F	42	18-04-18	7+	25-04-18		NVI	Y	N	Y	DIED	96
36	CHARSADA	TANGI	KP/31/18/059	M	16	08-04-18	7+	25-04-18	26-04-18	NVI	Y	Y	UK	Y	106
37	CHITRAL	CHITRAL	KP/21/18/019	F	156	26-03-18	7+	LATE NOTIFIED			Y	N	Y		119
38	DIKHAN	PHARPUR	KP/60/18/037	M	29	15-04-18	7+	19-05-18	21-05-18	EV	Y	Y	Y		99
39	DIRLOWER	SAMAR BAGH	KP/23/18/060	M	27	27-03-18	7+	LATE NOTIFIED			Y	Y	Y	Y	118
40	KOHAT	KOHAT	KP/50/18/034	M	8	22-03-18	7+	LATE NOTIFIED			N	N	Y		123
41	KOHISTAN	DASSU	KP/13/18/006	M	164	25-02-18	7+	21-03-18	22-03-18	NVI	Y	N	N	Y	148
42	LAKKIMRWT	SERAI NAURANG	KP/62/18/019	M	10	20-02-18	7+	25-03-18	26-03-18	EV	Y	Y	Y	Y	153

\* Afp.rec Data as of 23-07-2018

€ 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 (2/2)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)	
43	LAKKIMRWT	LAKKI MARWAT	KP/62/18/042	F	12	07-04-18	7+	23-05-18	24-05-18	NVI	Y	Y	Y	Y	107	
44	LAKKIMRWT	LAKKI MARWAT	KP/62/18/035	M	20	28-02-18	7+	LATE NOTIFIED			Y	Y	Y	Y	145	
45	LAKKIMRWT	LAKKI MARWAT	KP/62/18/052	M	21	23-03-18	7+				UK	Y	Y	Y	Y	122
46	LAKKIMRWT	LAKKI MARWAT	KP/62/18/056	F	12	15-04-18	7+				UK	N	Y	Y	Y	99
47	MARDAN	MARDAN	KP/40/18/036	M	6	04-02-18	7+	08-03-18	09-03-18	VACC	N	Y	Y	Y	169	
48	MARDAN	TAKHT BAH	KP/40/18/067	M	37	07-03-18	7+	24-04-18	25-04-18	EV	Y	N	Y	Y	138	
49	MARDAN	MARDAN	KP/40/18/080	M	120	20-04-18	7+	11-05-18	13-05-18	NVI	N	Y	Y	Y	94	
50	MARDAN	MARDAN	KP/40/18/084	M	101	13-04-18	7+	17-05-18	18-05-18	EV	Y	Y	Y	Y	101	
51	NOWSHERA	NOWSHERA	KP/32/18/038	M	18	20-04-18	7+	04-05-18	05-05-18	NVI	Y	Y	N	Y	94	
52	PESHAWAR	PESHAWAR	KP/30/18/064	M	36	06-02-18	7+	18-03-18	19-03-18	VACC	Y	Y	Y	Y	167	
53	PESHAWAR	PESHAWAR	KP/30/18/109	F	9	12-04-18	7+	08-05-18		NVI	N	N	UK	DIED	102	
54	PESHAWAR	PESHAWAR	KP/30/18/113	M	16	03-04-18	7+	12-05-18	13-05-18	EV	N	Y	Y	Y	111	
55	SWABI	RAZAR	KP/41/18/069	F	15	18-04-18	7+	LATE NOTIFIED			N	Y	Y	Y	96	
56	SWAT	CHARBAGH	KP/24/18/034	M	11	04-04-18	7+				20-04-18	21-04-18	VACC	Y	Y	Y
57	CHAGHAI	DALBANDIN	BN/13/18/004	M	42	23-04-18	6	07-05-18	08-05-18	EV	Y	Y	Y	Y	91	
58	KABDULAH	CHAMAN	BN/14/18/005	F	12	07-02-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	166	
59	SOHBATPUR	SOHBAT PUR	BN/66/18/004	M	48	16-03-18	7+				25-04-18	26-04-18	NVI	Y	Y	Y
60	BAGH	BAGH	AJ/50/18/004	F	66	10-02-18	7+	21-02-18	26-02-18	NVI	N	Y	UK	Y	163	
61	HAVELI	HAVAILI	AJ/51/18/003	M	14	04-04-18	7+	09-04-18		NVI	Y	Y	Y	DIED	110	
62	POONCH	ABBASPUR	AJ/40/18/007	M	24	20-01-18	7+	07-02-18	08-02-18	NVI	Y	Y	Y	Y	184	
63	POONCH	THORAR	AJ/40/18/016	M	115	22-01-18	7+	23-03-18	24-03-18	NVI	N	N	N	Y	182	
64	POONCH	HAIIRA	AJ/40/18/023	M	3	17-01-18	5	LATE NOTIFIED			N	Y	Y	Y	187	
65	SUDNUTI	BALOH	AJ/57/18/004	F	156	04-01-18	7+				27-01-18	29-01-18	NVI	N	N	Y
66	HUNZA	ALIABAD	GB/72/18/001	F	12	15-01-18	7+	04-03-18	05-03-18	NVI	UK	Y	UK		189	
67	BAJOUR	LOE MAMOUND	FT/33/18/038	M	30	23-04-18	7+	09-05-18	09-05-18	EV	Y	Y	N		91	
68	KHYBER	BARA	FT/34/18/031	M	10	15-02-18	7+	14-03-18	15-03-18	NVI	Y	Y	Y	Y	158	
69	KHYBER	JAMRUD	FT/34/18/032	F	15	10-02-18	7+	18-03-18	19-03-18	NVI	N	Y	Y	Y	163	
70	KURRAM	LOWER KURRAM	FT/52/18/008	F	12	18-02-18	6	27-03-18	28-03-18	VACC	N	N	Y	Y	155	
71	WAZIR-N	MIR ALI	FT/64/18/019	F	12	13-02-18	7+	DIED BEFORE STOOL			Y	N	Y	DIED	160	
72	WAZIR-N	MIRAN SHAH	FT/64/18/028	M	10	08-04-18	7+				LATE NOTIFIED			Y	Y	Y
73	WAZIR-S	LADHA	FT/65/18/009	F	54	16-03-18	7+	16-04-18	17-04-18	NVI				N	N	Y

\* Afp.rec Data as of 23-07-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.