



**World Health  
Organization**

**Weekly  
AFP Surveillance Update  
Pakistan**

**Week 13** (*Ended on 1<sup>st</sup> April, 2018*)

***National Surveillance Cell***

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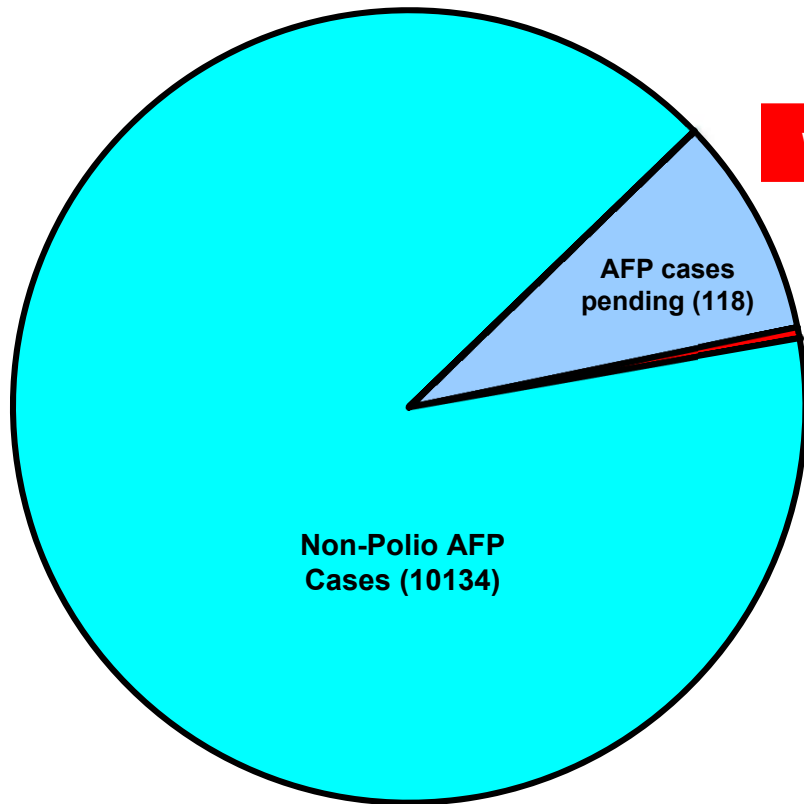
AFP Surveillance



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

# AFP Case Profile, 2017-2018\*

2017



WPV Cases = 08

AFP cases pending (118)

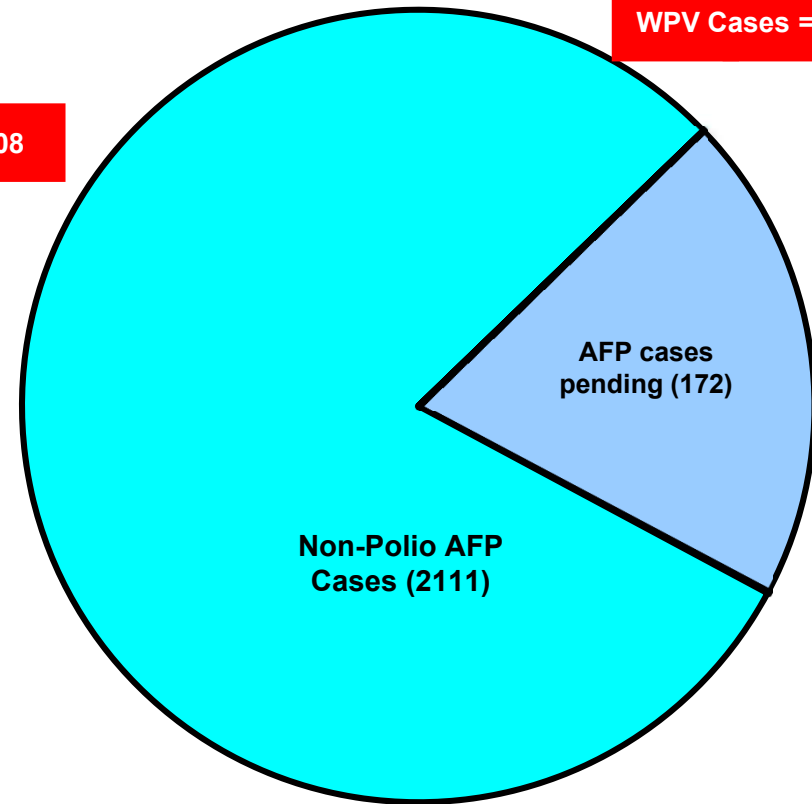
Non-Polio AFP Cases (10134)

Total AFP Cases Reported = 10260

^ 118 Inadequate cases not due for FUP

^ 118 AFP Cases pending for classification by ERC

2018



WPV Cases = 01

AFP cases pending (172)

Non-Polio AFP Cases (2111)

Total AFP Cases Reported = 2284

^ 122 Inadequate cases not due for FUP

^ 50 AFP Cases pending in Lab

\* Afp.rec Data as of 02-04-2018

# Table 1.1: List of Confirmed Polio Cases, Pakistan 2017-2018\* (1/1)

## 2017

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
								Routine	SIA's						Cluster
01	PUNJAB	LODHRAN	DUNYAPUR	PB/64/17/008	M	4	28-Jan-17	2	5	Y	Y	Y	N	NSL1	R4B1C2
02	GBALTISTAN	DIAMIR	THORE HUDUR	GB/31/17/002	M	12	13-Feb-17	0	0	Y	Y	Y	N	NSL1	R4B5C4
03	BALUCHISTAN	KABDULAH	CHAMAN	BN/14/17/024	M	18	11-June-17	0	3	Y	Y	Y	N	NSL1	R4B5C3
04	SINDH	KHGIQBAL	G-IQBAL	SD/65/17/018	M	7	11-Aug-17	3	1	Y	N	Y	N	NSL1	R4B5C4
05	KPAKHTUNKHWA	LAKKIMRWT	LAKKIMRWT	KP/62/17/025	F	24	21-Aug-17	3	7+	Y	Y	Y	N	NSL1	R4B1C1
06	SINDH	KHIGADAP	GADAP	SD/63/17/051	M	5	09-Nov-17	0	3	Y	Y	Y	Y	NSL1	R4B5C4
07	BALUCHISTAN	ZHOB	ZHOB	BN/21/17/019	M	24	15-Nov-17	0	0	N	Y	N	Y	NSL1	R4B5C4
08	BALUCHISTAN	KABDULAH	GULISTAN	BN/14/17/045	M	12	13-Nov-17	0	0	Y	Y	Y	Y	NSL1	R4B5C4
<b>2018</b>															
01	BALUCHISTAN	DUKI	DUKI	BN/65/18/003	M	38	08-Mar-18	0	7+	Y	Y	Y	N	NSL1	R4B5C4

New WPV Case

\* Afp.rec Data as of 02-04-2018

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

Basic information										OPV doses				Urgent		Prov	Lab update			Remarks	
S.#	District	Tier	Tehsil	Union council	Epid number	Date of Onset	Age (M)	Sex	Date of 1st stool	Stool Adeq	RI	S1As	Last 6 S1As	Last dose	Field	NSC	Diagnosis	Lab No.	Days		Culture update
															Y			Inoc			
<b>Isolates pending for ITSD</b>																					
1	JAFFERABAD		JHAT PAT	MC DERA	BN/43/18/008	09-Mar-18	48	F	16-Mar-18	Y	0	7+	6	12-Feb-18	N	N	TRAUMATIC NEURITIS	3009	8	L20B+	
2	JHALMAGSI *	4	JHALMAGSI	SAIFABAD	BN/44/18/001	17-Mar-18	3	F	22-Mar-18	Y	0	3	3	20-Mar-18	N	N	TRAUMATIC NEURITIS	3219	4	L20B+	
3	SIBI *	4	KHAJAK	KURAK	BN/31/18/001	12-Feb-18	72	M	18-Mar-18	N	0	7	0		N	N	SEPTIC ARTHRITIS	3088	8	L20B+	
4	ZHOB *	4	ZHOB	NASIRABAD	BN/21/18/002	12-Mar-18	36	F	18-Mar-18	Y	0	7	6	12-Mar-18	N	N	BELLS PALSY	3087	8	L20B+	
5	MARDAN	2	MARDAN	BARI CHAM	KP/40/18/041-C2		48	M	19-Mar-18	-	-	-			N	-		2934	3	L20B+	
6	MARDAN *	2	TAKHT BHAI	HATIAN	KP/40/18/046	16-Mar-18	15	M	23-Mar-18	Y	3	7	6	13-Feb-18	N	N	MYOSITIS	3206	4	L20B+	
7	CHITRAL *	4	CHITRAL	GARAM	KP/21/18/011	10-Mar-18	44	M	17-Mar-18	Y	3	6	6	12-Mar-18	N	N	GBS	3099	8	L20B+	
8	RYKHAN *	4	SADIQABAD	JAMAL DIN WALI	PB/72/18/068	09-Mar-18	34	F	13-Mar-18	Y	3	7+	6	12-Mar-18	N	N	TRAUMATIC NEURITIS	3092	8	L20B+	
<b>Reported urgent (by field / NSC criteria)</b>																					
9	KURRAM	2	PARA CHINAR	TOORI	FT/52/18/007	18-Mar-18	24	M	22-Mar-18	Y	3	7+	6	12-Mar-18	Y	N	POLYMYELITIS/GBS			UP	
10	MARDAN	2	MARDAN	BARI CHAM	KP/40/18/041	29-Jan-18	36	M	15-Mar-18	N	3	7+	6	15-Jan-18	N	N	GBS	2818		UP	Index of C2

\* 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

# Polio Cases by Province/Region 2016 - 2018\*

Region/ Province	No. of polio cases			No. of infected districts/towns			Most recent polio case
	2016	2017	2018	2016	2017	2018	
<b>Khyber Pakhtunkhwa</b>	8	1	0	6	1	0	21-Aug-17
<b>Sindh</b>	8	2	0	5	2	0	09-Nov-17
<b>Balochistan</b>	2	3	1	2	2	1	08-Mar-18
<b>G-Baltistan</b>	0	1	0	0	1	0	13-Feb-17
<b>Punjab</b>	0	1	0	0	1	0	28-Jan-17
<b>FATA / FR Areas</b>	2	0	0	1	0	0	27-Jul -16
<b>Pakistan</b>	<b>20</b>	<b>8</b>	<b>1</b>	<b>14</b>	<b>7</b>	<b>1</b>	<b>08-Mar-18</b>

Fifteen additional district / town declared infected based on environmental samples in 2017

\* Afp.rec Data as of 02-04-2018



## Table 2: LAB Update 2017-2018\*

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-17	754	597	0	0	56	7	100	13%	1	753	100%
February-17	772	621	0	0	43	6	107	14%	1	771	100%
March-17	825	634	0	0	55	7	136	16%	0	825	100%
April-17	822	589	0	0	45	5	188	23%	0	815	99%
May-17	906	681	0	0	51	6	174	19%	0	900	99%
June-17	669	460	0	0	17	3	191	29%	1	610	91%
July-17	892	572	0	0	23	3	297	33%	0	892	100%
August-17	853	542	0	0	20	2	289	34%	2	851	100%
September-17	854	501	0	0	68	8	285	33%	0	854	100%
October-17	885	604	0	0	56	6	225	25%	0	885	100%
November-17	819	516	0	0	62	8	238	29%	3	816	100%
December-17	913	712	0	0	57	6	139	15%	0	908	99%
<b>Total-2017</b>	<b>9964</b>	<b>7029</b>	<b>0</b>	<b>0</b>	<b>553</b>	<b>6</b>	<b>2369</b>	<b>24%</b>	<b>8</b>	<b>9880</b>	<b>99%</b>
January -18	1010	831	5	1	76	8	98	10%	0	1005	100%
February -18	882	696	18	1	68	8	100	11%	0	864	98%
March-2018	496	225	204	6	11	2	56	11%	1	292	59%
<b>Total-2018</b>	<b>2388</b>	<b>1752</b>	<b>227</b>	<b>8</b>	<b>155</b>	<b>6</b>	<b>254</b>	<b>11%</b>	<b>01</b>	<b>1039</b>	<b>44%</b>

\*Data as of 02-04-2018

# Environmental Sampling Results, 2016-2018\*

DISTRICT	2016					2017					2018					Last
	TOTAL	WILD			TOTAL	WILD			TOTAL	WILD						
	n	GRAB	BMFS	TOTAL	n	GRAB	BMFS	TOTAL	n	GRAB	BMFS	TOTAL				
	n	n	n	%	n	n	n	%	n	n	n	%				
LAHORE	62	2	1	3	5%	63	1		1	2%	14			0	0%	18-Dec-17
MULTAN	36	2		2	6%	36	1		1	3%	8			0	0%	9-Jan-17
DGKHAN	33	1		1	3%	36			0	0%	7		1	1	14%	12-Feb-18
RAWALPINDI	25	3	1	4	16%	26	6	2	8	31%	6	1		1	17%	10-Jan-18
FAISALABAD	36	1	1	2	6%	23			0	0%	4			0	0%	2-Jul-16
SARGODHA	1			0		12			0	0%	2			0	0%	
BAHAWALPUR	1			0		12			0	0%	2			0	0%	
RAJANPUR											2			0	0%	
CDA	12			0	0%	12	5		5	42%	3	1		1	33%	10-Jan-18
KHIGIQBAL	25	1	1	2	8%	26	5	1	6	23%	6			0	0%	10-Oct-17
KHIGADAP	36	4		4	11%	36	21		21	58%	7	1		1	14%	15-Feb-18
KHIBALDIA	23	1		1	4%	12	2		2	17%	3			0	0%	3-Nov-17
KHILANDHI	6	1		1	17%	12	7		7	58%	2	1		1	50%	10-Jan-18
KHIKORANGI	1			0		12	1		1	8%	2			0	0%	16-Oct-17
KHISITE	1			0		12	5		5	42%	3	1		1	33%	1-Jan-18
KHISADDAR											2			0	0%	
KHILIAQAT											2	1		1	50%	7-Mar-18
SUKKUR	27	2	1	3	11%	32	1	1	2	6%	7		1	1	14%	8-Feb-18
HYDERABAD	18	1		1	6%	12			0	0%	2	1		1	50%	9-Feb-18
JACOBABAD	16		3	3	19%	15	3	1	4	27%	4		1	1	25%	12-Feb-18
SANGHAR	1			0		12			0	0%	1			0	0%	
DADU	1			0		12			0	0%	3			0	0%	
KAMBAR				0		12	1		1	8%	3			0	0%	15-Aug-17
PESHAWAR	39	9	1	10	26%	27	6	2	8	30%	6	2	1	3	50%	10-Mar-18
DIKHAN	46	1		1	2%	23			0	0%	6			0	0%	16-Jul-16
BANNU	1			0		12			0	0%	2			0	0%	
KOHAT	1			0		10			0	0%	3	1		1	33%	5-Jan-18
CHARSADA	1			0		12			0	0%	2			0	0%	
MARDAN	1			0		12			0	0%	1			0	0%	
NOWSHERA				0		12			0	0%	2			0	0%	
KABDULAH	24	6		6	25%	24	13		13	54%	5	1		1	20%	1-Jan-18
QUETTA	58	14		14	24%	49	11	1	12	24%	10	1		1	10%	13-Feb-18
PISHIN	8	4		4	50%	12	5		5	42%	3			0	0%	2-Oct-17
KHUZDAR	1			0		12			0	0%	2			0	0%	
LORALAI	1			0		12	3		3	25%	1			0	0%	17-Nov-17
ZHOB	1			0		12	1		1	8%	2			0	0%	18-Dec-17
<b>PAKISTAN</b>	<b>543</b>	<b>53</b>	<b>9</b>	<b>62</b>	<b>11%</b>	<b>654</b>	<b>98</b>	<b>8</b>	<b>106</b>	<b>16%</b>	<b>140</b>	<b>12</b>	<b>4</b>	<b>16</b>	<b>11%</b>	<b>10-Mar-18</b>

\* New addition in Env Surveillance Network

\* Data as of April 02-2018



## WPV and cVDPV Cases by District in 2017

PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KPAKHTUNKHWA	LAKKIMRWT	21-Aug	1		
<b>Total</b>		<b>21-Aug</b>	<b>01</b>		
SINDH	KHIGADAP	09-Nov	1		
	KHIGIQBAL	11-Aug	1		
<b>Total</b>		<b>09-Nov</b>	<b>02</b>		
BALOCHISTAN	ZHOB	15-Nov	1		
	KABDULAH	13-Nov	2		
<b>Total</b>		<b>15-Nov</b>	<b>03</b>		
G-Baltistan	DIAMIR	13-Feb	1		
<b>Total</b>		<b>13-Feb</b>	<b>01</b>		
PUNJAB	LODHRAN	28-Jan	1		
<b>Total</b>		<b>28-Jan</b>	<b>01</b>		
<b>PAKISTAN</b>		<b>15-Nov</b>	<b>08</b>		

## 2018

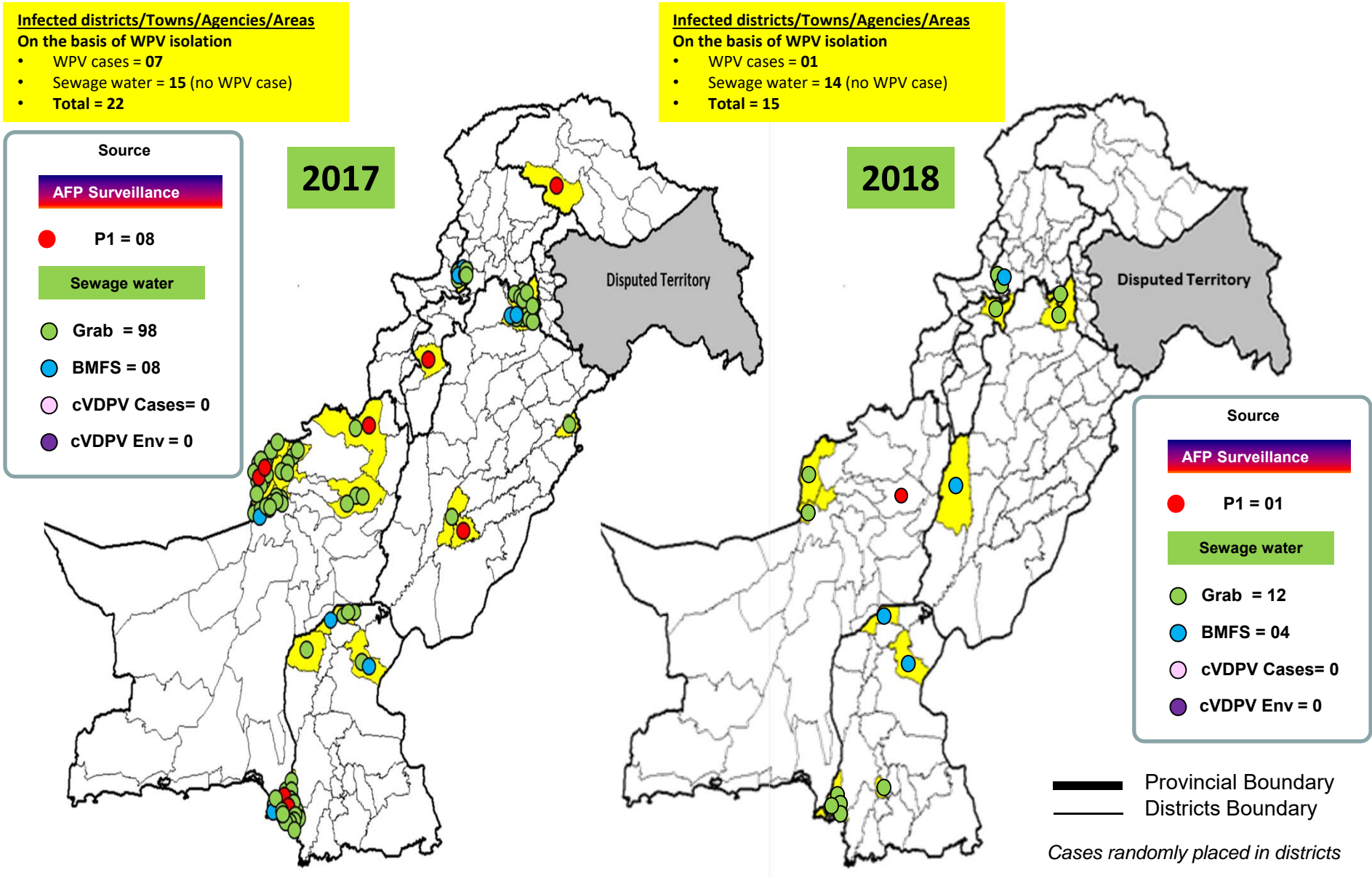
One new Polio case was reported from District Duki with following characteristics.

Age: 38 months

Onset: 8<sup>th</sup> March, 2018

OPV doses: Routine=0 and SIAs=7+

# Map 2: Wild Polio virus isolates and cVDPV, 2017 - 2018\*



**Infected districts/Towns/Agencies/Areas**

On the basis of WPV isolation

- WPV cases = 07
- Sewage water = 15 (no WPV case)
- Total = 22

**Infected districts/Towns/Agencies/Areas**

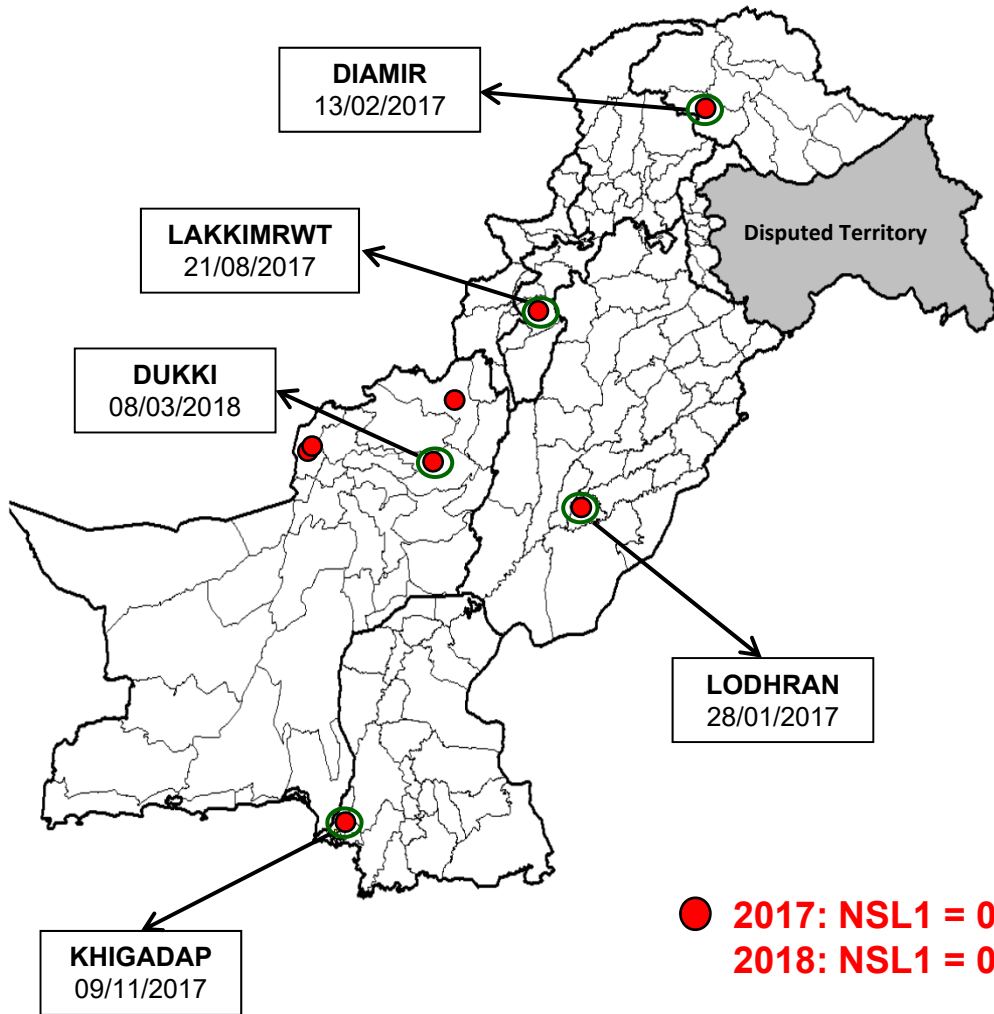
On the basis of WPV isolation

- WPV cases = 01
- Sewage water = 14 (no WPV case)
- Total = 15

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

2017: Districts/Towns with Wild Polio Cases = 08

2018: Districts/Towns with Wild Polio Case = 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	Mar, 2018	Apr, 2010	03	-	01	-
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>Mar, 2018</b>	<b>Apr, 2012</b>	<b>08</b>	<b>-</b>	<b>01</b>	<b>-</b>

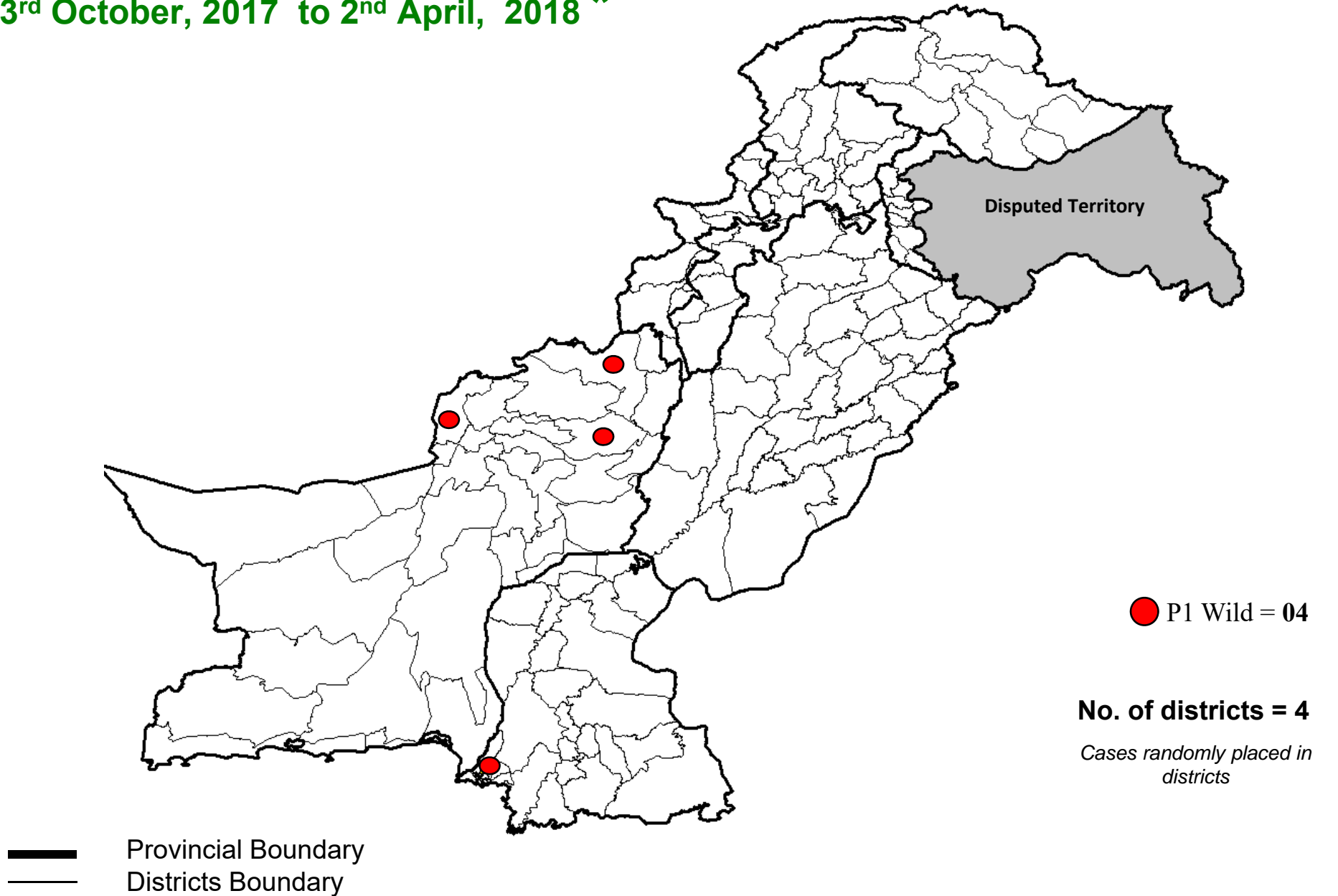
- District with last polio case in province
- Provincial Boundary
- Districts Boundary

Cases randomly placed in districts

\* Afp.rec Data as of 02-04-2018

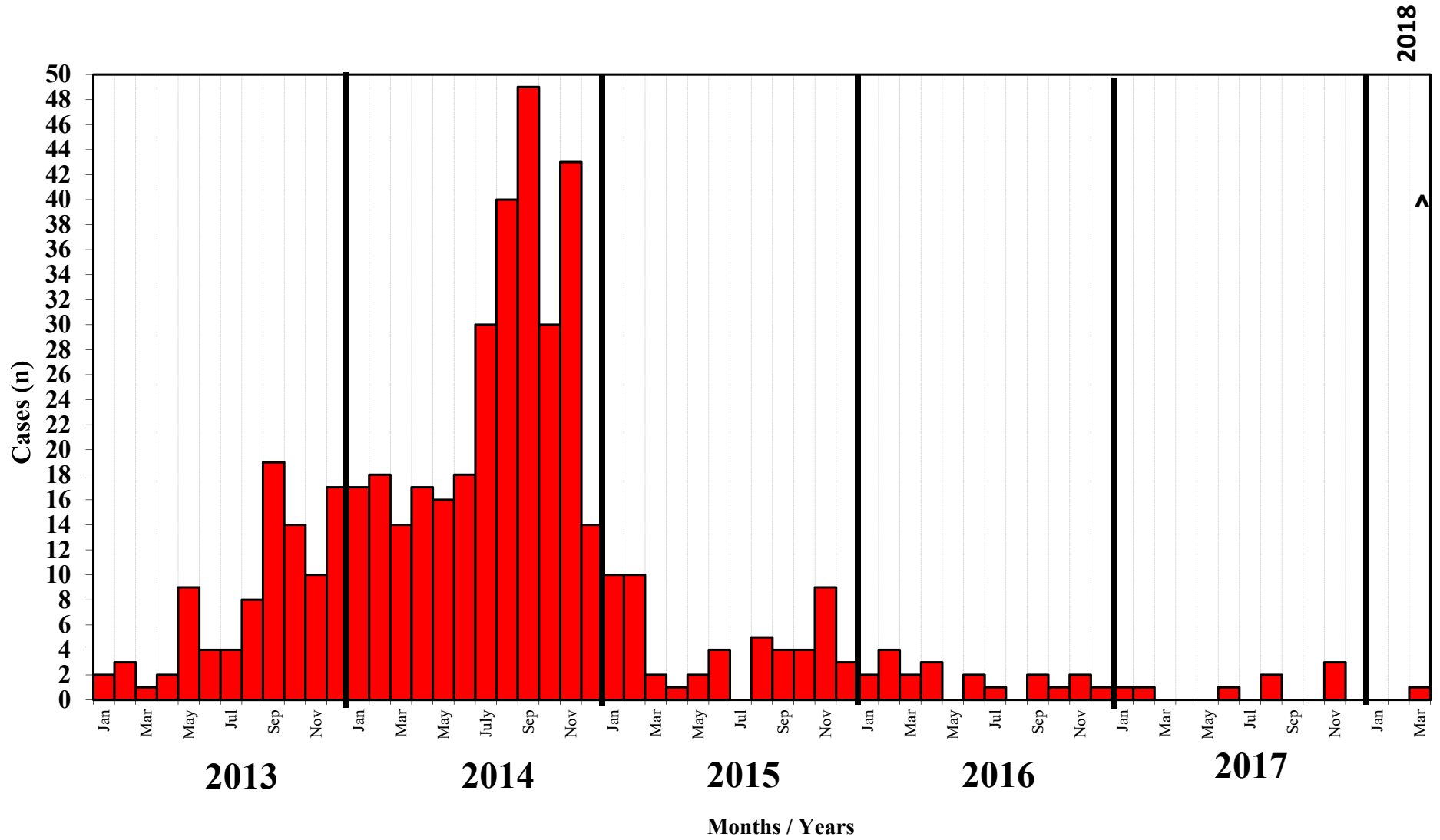
# Map 3: Wild Polio cases in the last 6 months

3<sup>rd</sup> October, 2017 to 2<sup>nd</sup> April, 2018 \*



\* Afp.rec Data as of 02-04-2018

# Confirmed Polio Cases 2013-2018\*

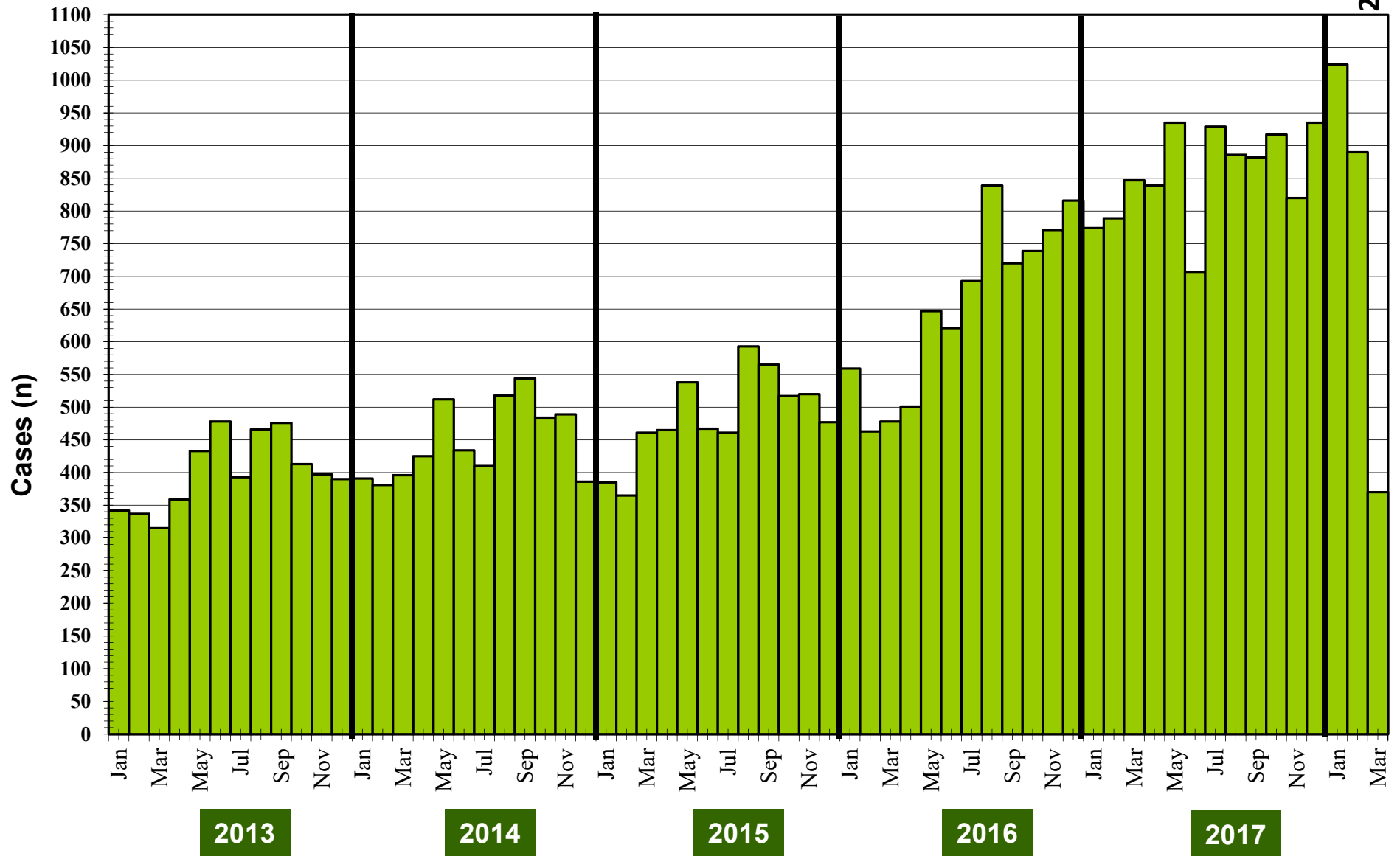


■ NSL1

^ Data incomplete

\* Afp.rec Data as of 02-04-2018

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



\* Afp.rec Data as of 02-04-2018

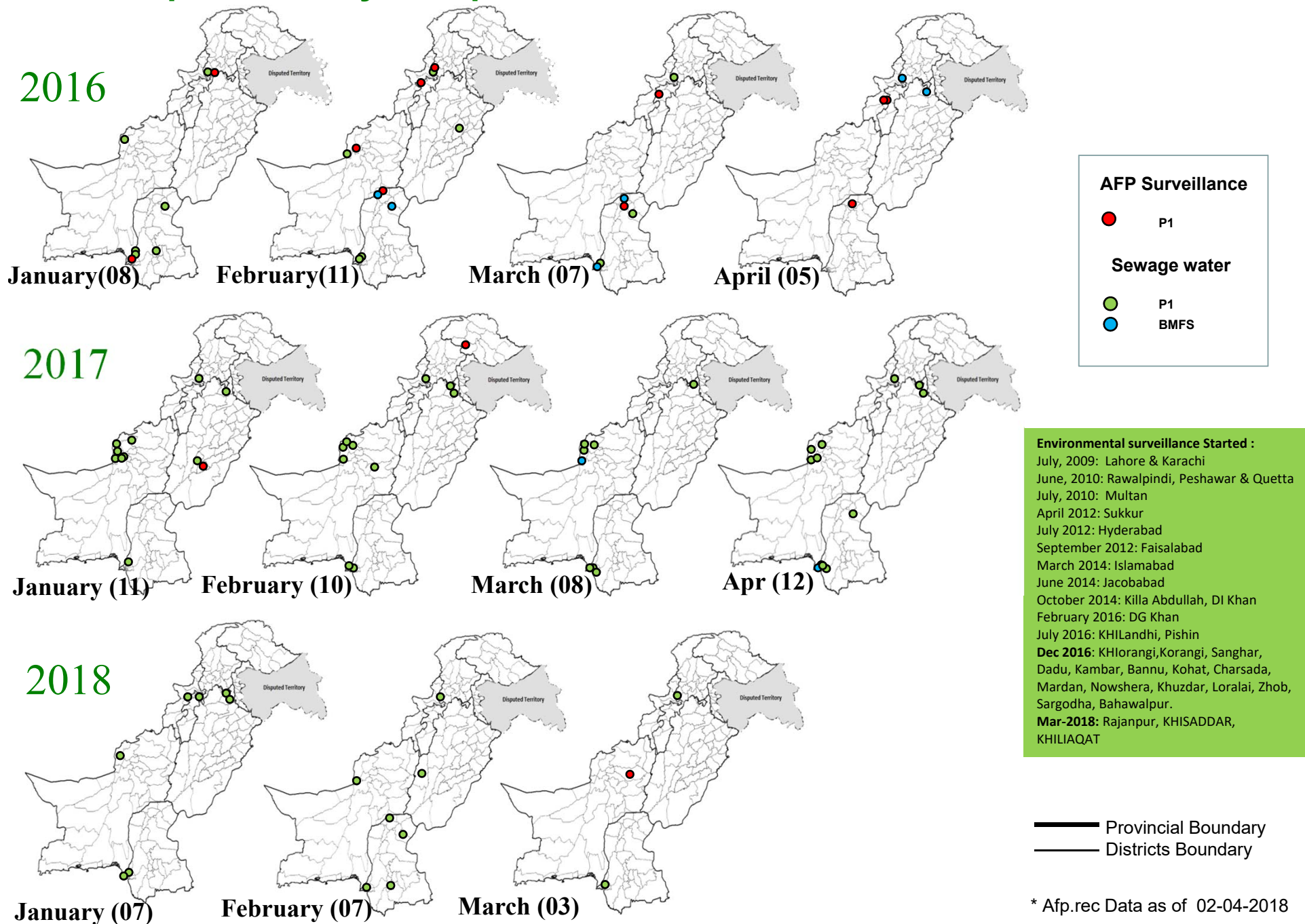
**Table 4: Distribution of AFP Cases By Week of Onset <sup>^</sup>  
Pakistan- 2017-2018\* [Week number / Ending on]**

<b>PROVINCE</b>	<b>W 49 09 Dec2 017</b>	<b>W 50 16 Dec2 017</b>	<b>W 51 23 Dec 2017</b>	<b>W 52 30 Dec 2017</b>	<b>W 01 06 Jan2 017</b>	<b>W 02 13 Jan2 017</b>	<b>W 03 20 Jan2 017</b>	<b>W 04 27 Jan2 017</b>	<b>W 05 03 Feb 2017</b>	<b>W 06 11 Feb 2017</b>	<b>W 07 18 Feb 2017</b>	<b>W 08 25 Feb 2017</b>	<b>W 09 04 Mar 2017</b>	<b>W 10 11 Mar 2017</b>	<b>W 11 18 Mar 2017</b>
<b>PUNJAB</b>	94	112	116	83	87	105	111	82	93	101	96	96	86	68	48
<b>SINDH</b>	31	52	44	38	37	49	56	63	50	61	54	41	29	32	18
<b>FATA</b>	9	10	13	13	14	18	25	11	6	8	5	7	4	16	6
<b>BALUCHISTAN</b>	15	9	9	9	15	10	15	5	8	11	9	13	7	12	3
<b>AJK</b>	3	1	3	12	6	3	7	3	2	8	6	10	9	4	2
<b>GILGIT BILTISTAN</b>	1	2	3	2	0	5	3	1	1	2	4	4	2	1	0
<b>ISLAMABAD</b>	1	1	10	1	2	2	5	3	1	4	2	3	5	3	1
<b>KPAKHTUNKHWA</b>	41	66	42	39	42	49	41	36	43	40	42	36	46	40	16
<b>PAKISTAN</b>	<b>161</b>	<b>195</b>	<b>253</b>	<b>240</b>	<b>203</b>	<b>241</b>	<b>263</b>	<b>204</b>	<b>204</b>	<b>235</b>	<b>218</b>	<b>210</b>	<b>188</b>	<b>176</b>	<b>94</b>

\* Afp.rec & Afplab.rec: Data as of 02-04-2018

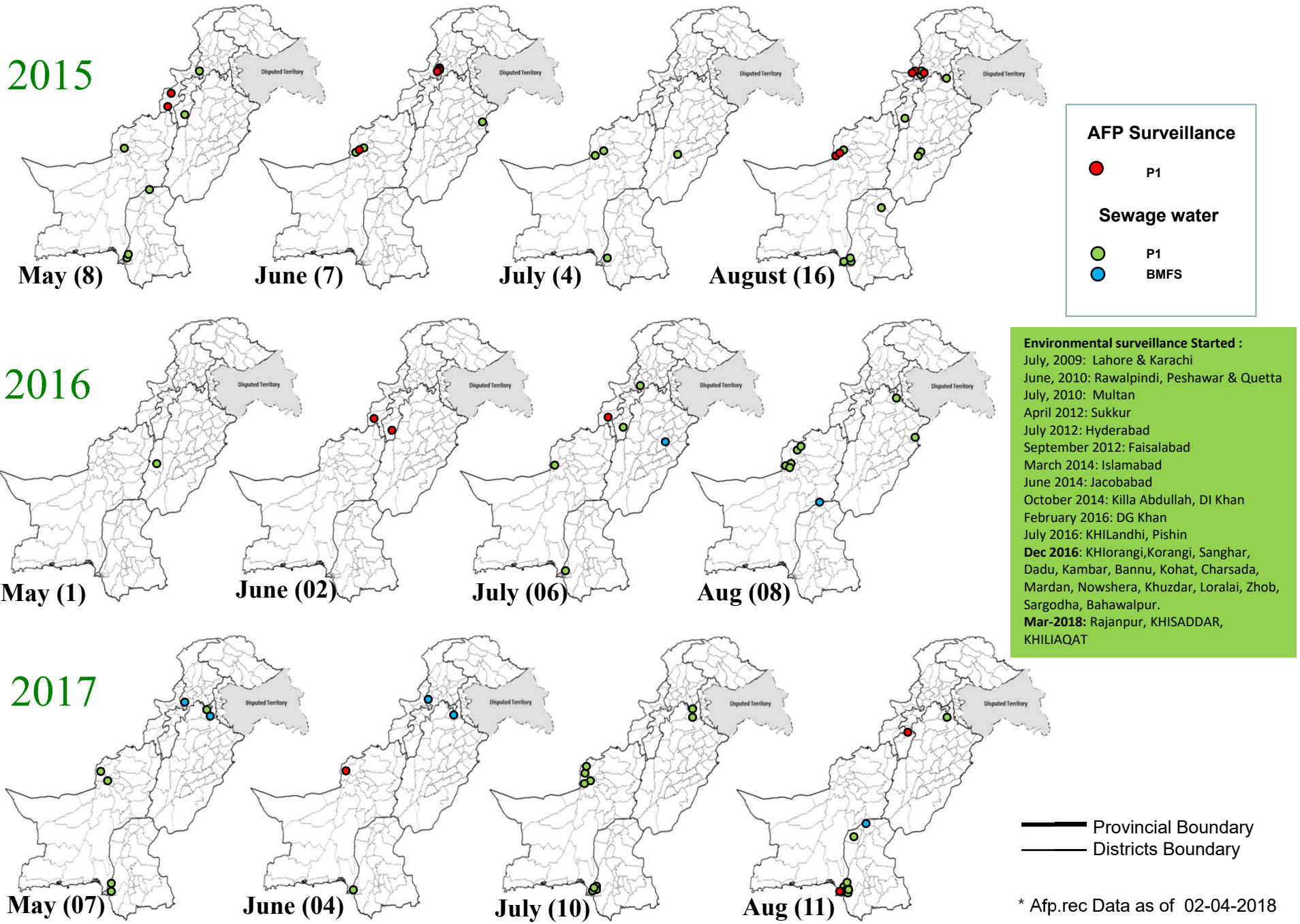
<sup>^</sup> MMWR Epidemiological Weeks

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



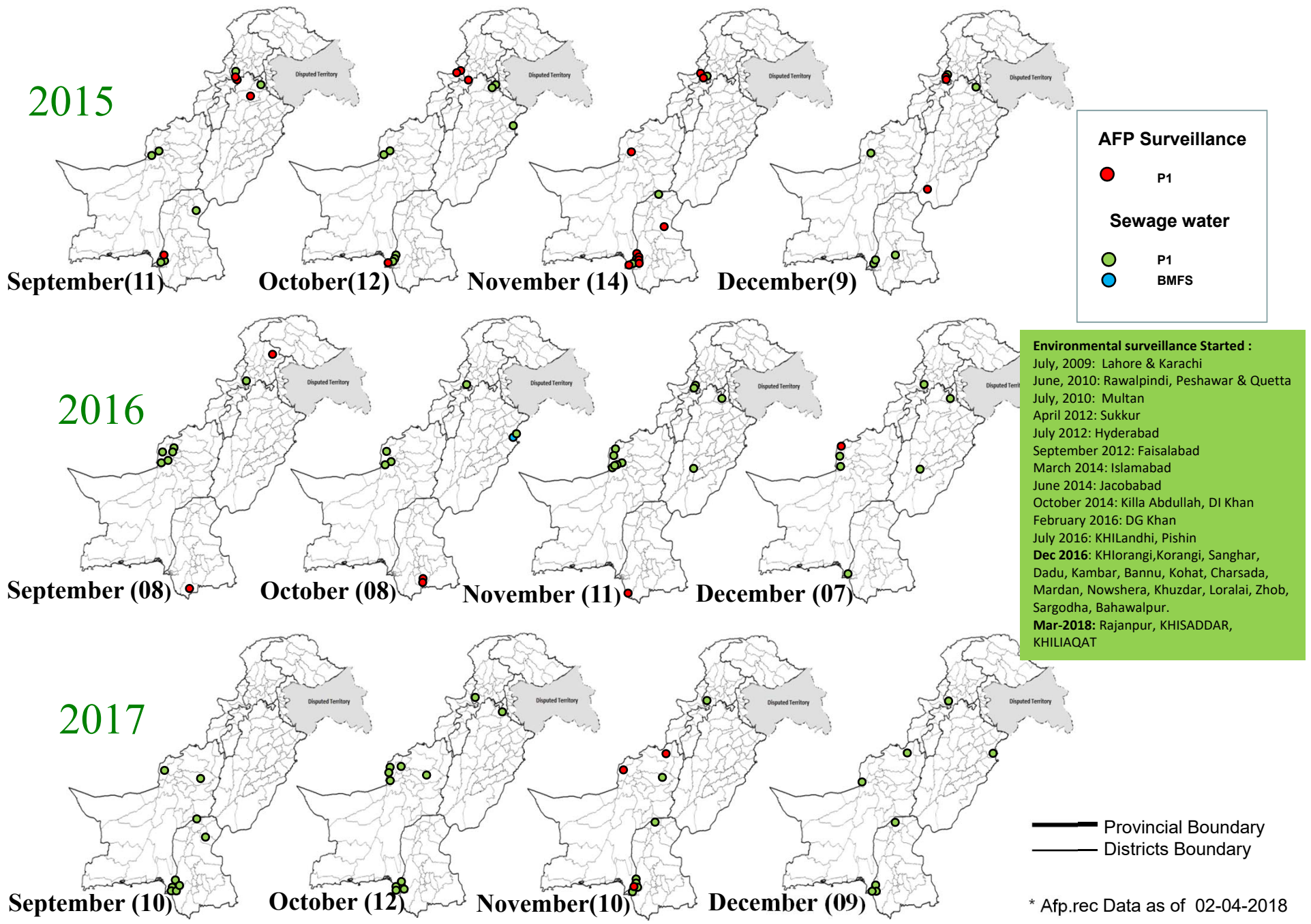


# Map 4.1: Monthly Comparison of Polio Cases/Isolates 2015-2017\*



\* Afp.rec Data as of 02-04-2018

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



\* Afp.rec Data as of 02-04-2018

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

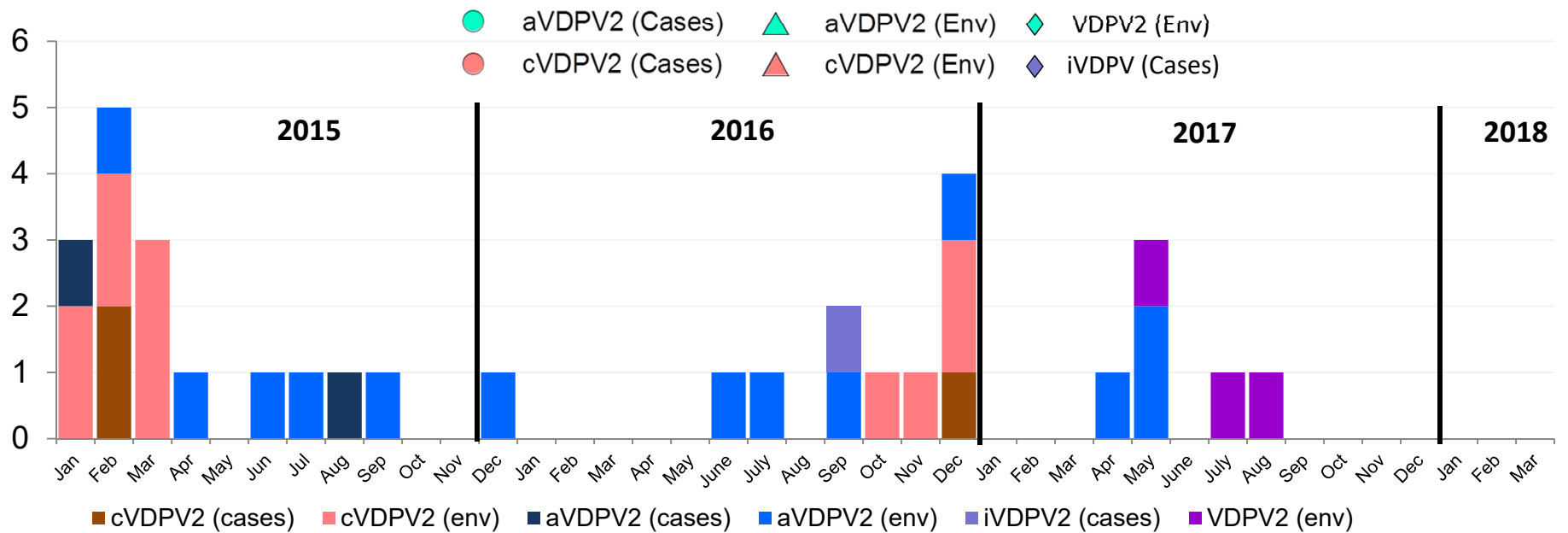
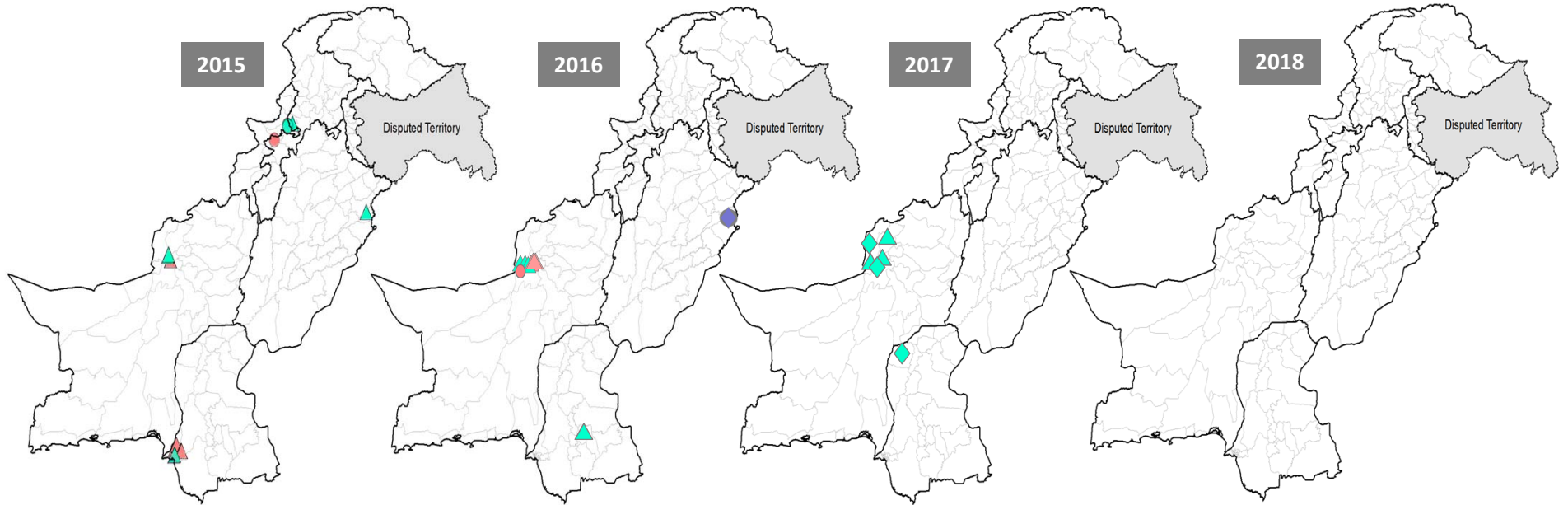
Province/Region	Polio 1			
	2015	2016	2017	2018
FATA	16	02	-	-
KP	17	08	01	-
SINDH	12	08	02	-
PUNJAB	02	-	01	-
BALUCHISTAN	07	02	03	01
AJK	-	-	-	-
Gilgit-Baltistan	-	-	01	-
ISLAMABAD	-	-	-	-
<b>PAKISTAN</b>	<b>54</b>	<b>20</b>	<b>08</b>	<b>01</b>



\* Afp.rec Data as of 02-04-2018



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



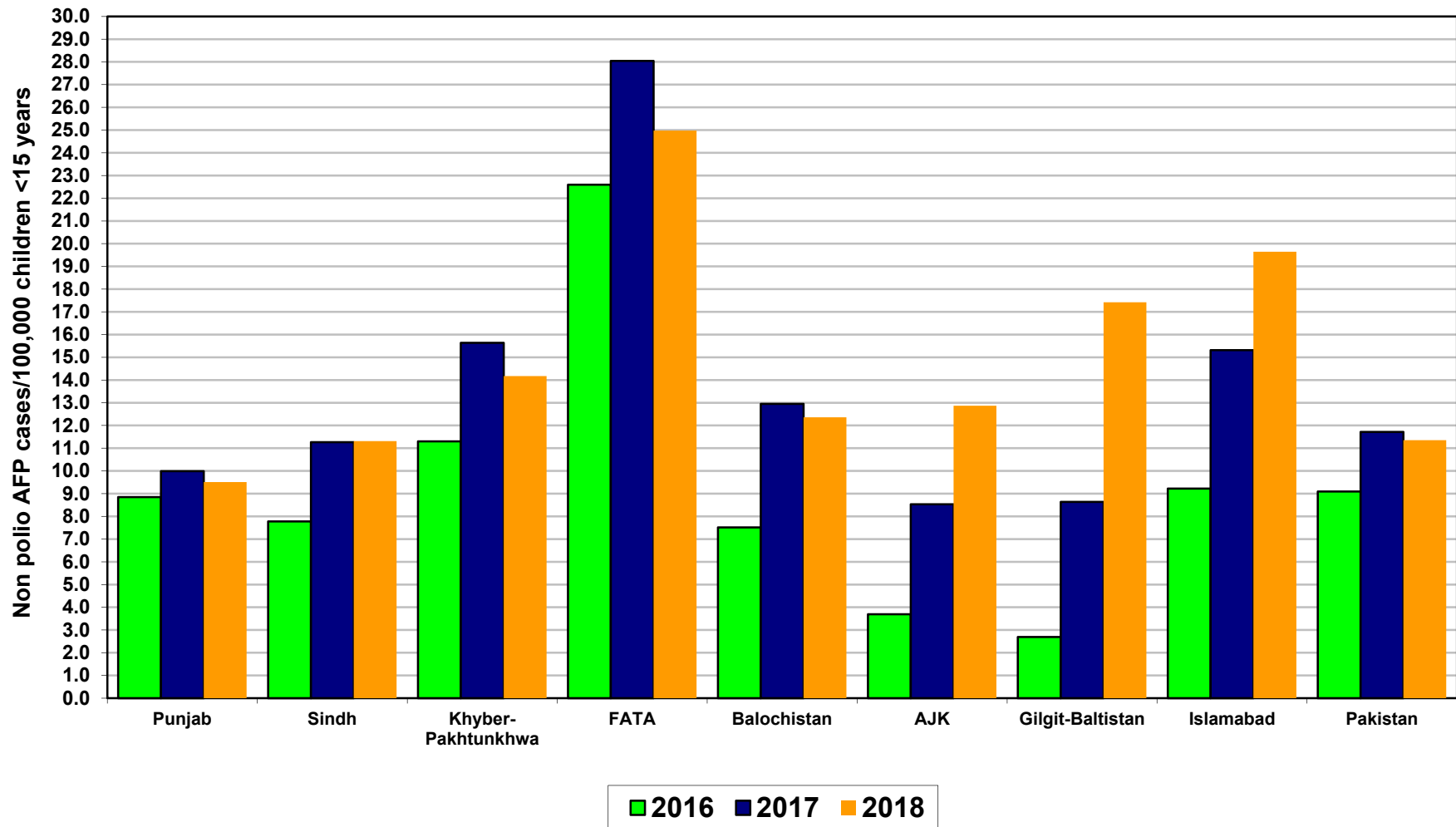
\* Afp.rec Data as of 02-04-2018

**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%	2%	3%	3%	0%	97%	96%	97%
North Punjab	0%	0%	0%	0%	0%	1%	0%	1%	0%	2%	2%	1%	98%	97%	98%
South Punjab	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	2%	1%	98%	98%	96%
<b>PUNJAB</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>2%</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%	3%	5%	7%	5%	93%	91%	92%
North Sindh	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	3%	1%	94%	97%	99%
South Sindh	0%	0%	0%	1%	0%	0%	1%	1%	1%	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>2%</b>	<b>93%</b>	<b>95%</b>	<b>96%</b>
Central Khyber Pakhtunkhwa	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	2%	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%	0%	1%	2%	0%	1%	2%	0%	1%	4%	2%	96%	92%	98%
<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>98%</b>
<b>FATA</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>2%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>10%</b>	<b>8%</b>	<b>8%</b>	<b>88%</b>	<b>91%</b>	<b>91%</b>
Rest of Balochistan	7%	3%	0%	7%	9%	7%	2%	4%	0%	23%	13%	22%	62%	71%	70%
North Balochistan	0%	4%	0%	3%	6%	11%	3%	2%	0%	10%	10%	11%	83%	78%	78%
Quetta Block	1%	0%	4%	1%	1%	0%	4%	0%	0%	10%	7%	0%	83%	92%	96%
<b>BALUCHISTAN</b>	<b>2%</b>	<b>2%</b>	<b>1%</b>	<b>3%</b>	<b>4%</b>	<b>4%</b>	<b>3%</b>	<b>3%</b>	<b>0%</b>	<b>13%</b>	<b>10%</b>	<b>12%</b>	<b>80%</b>	<b>82%</b>	<b>82%</b>
<b>PAKISTAN</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>1%</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>96%</b>

\* Afp.rec Data as of 02-04-2018

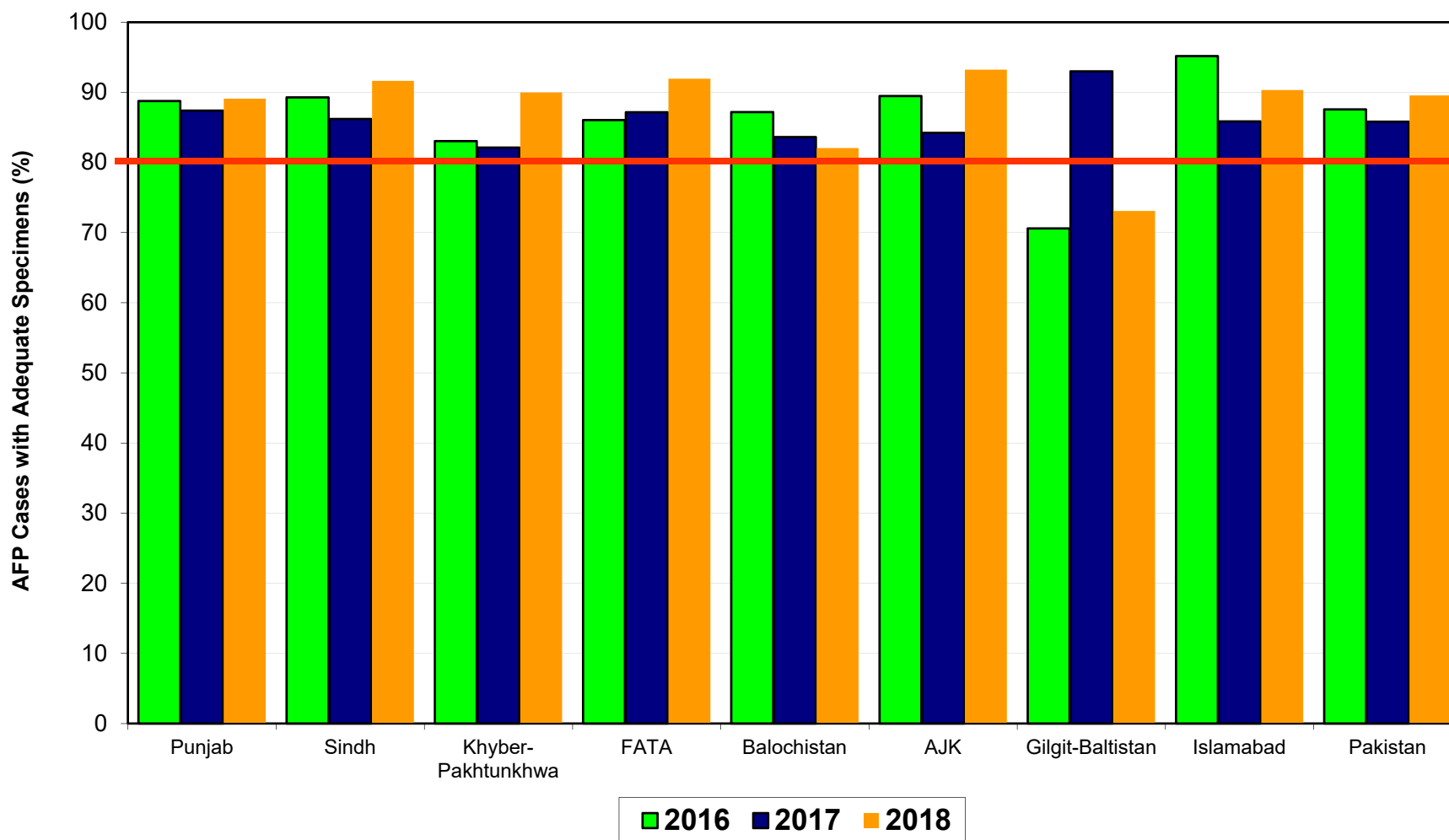
# Non Polio AFP Rate By Province/Regions, 2016-2018\*



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 02-04-2018

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

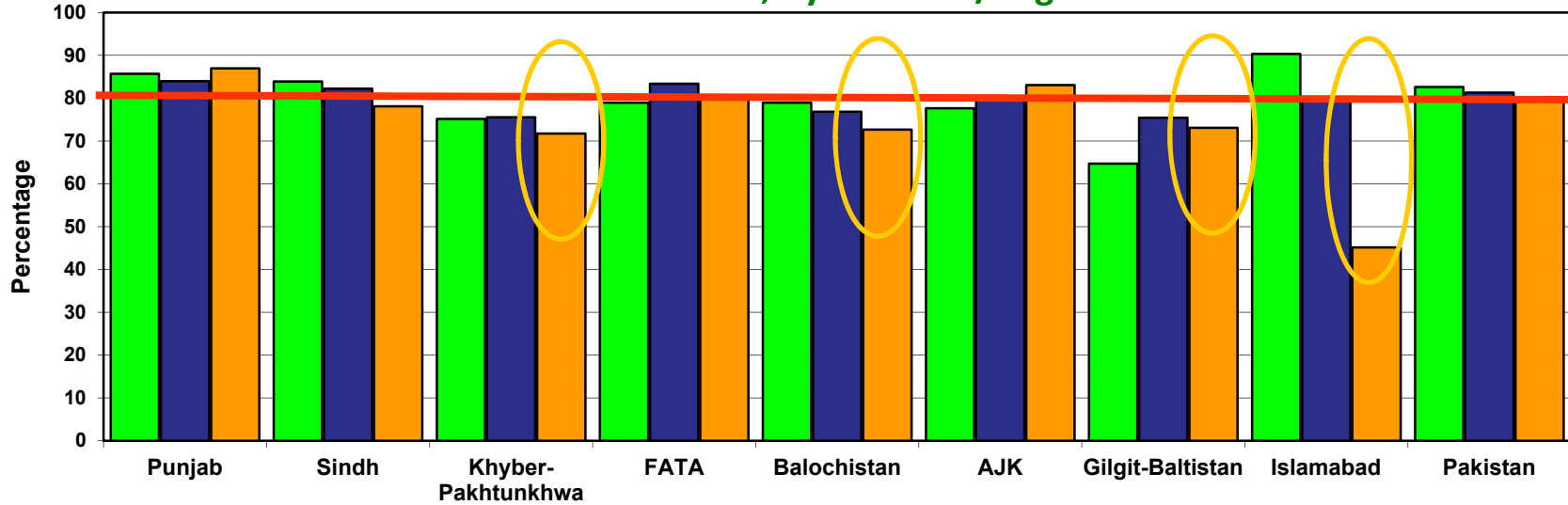


\* Afp.rec Data as of 02-04-2018

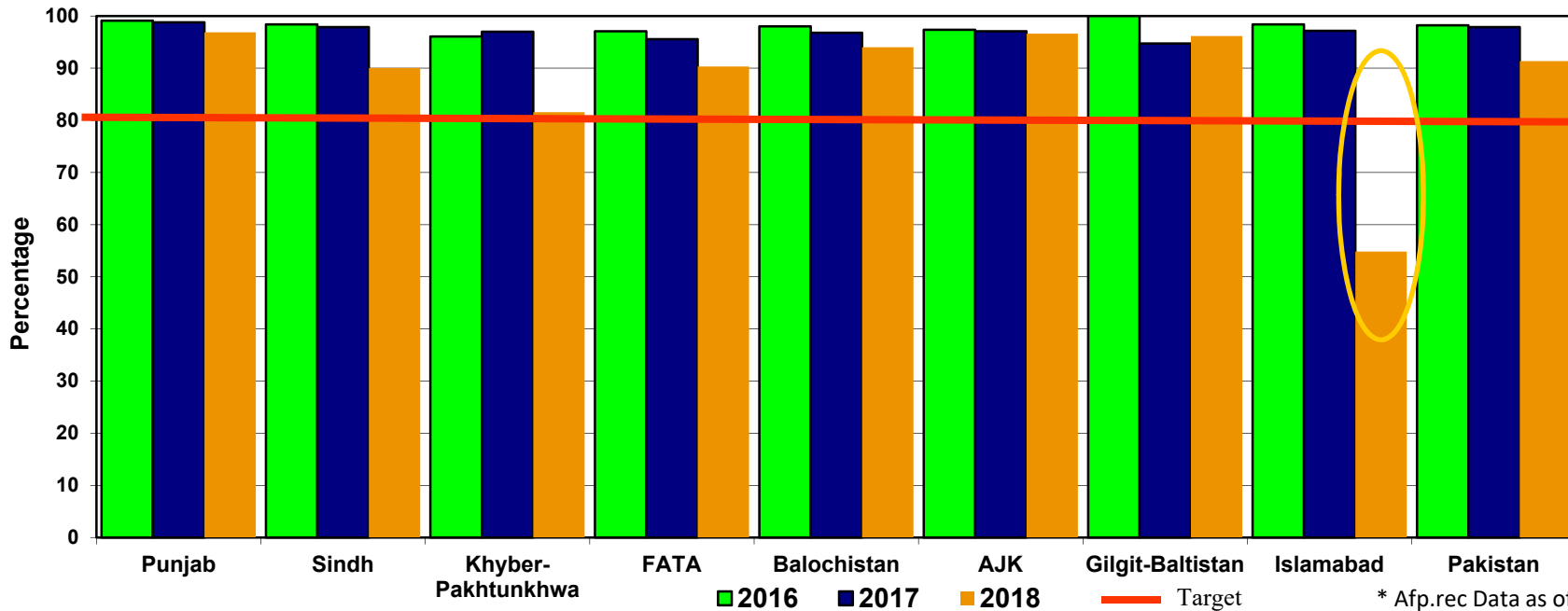
— Target Adequate Sample cases = 80%



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

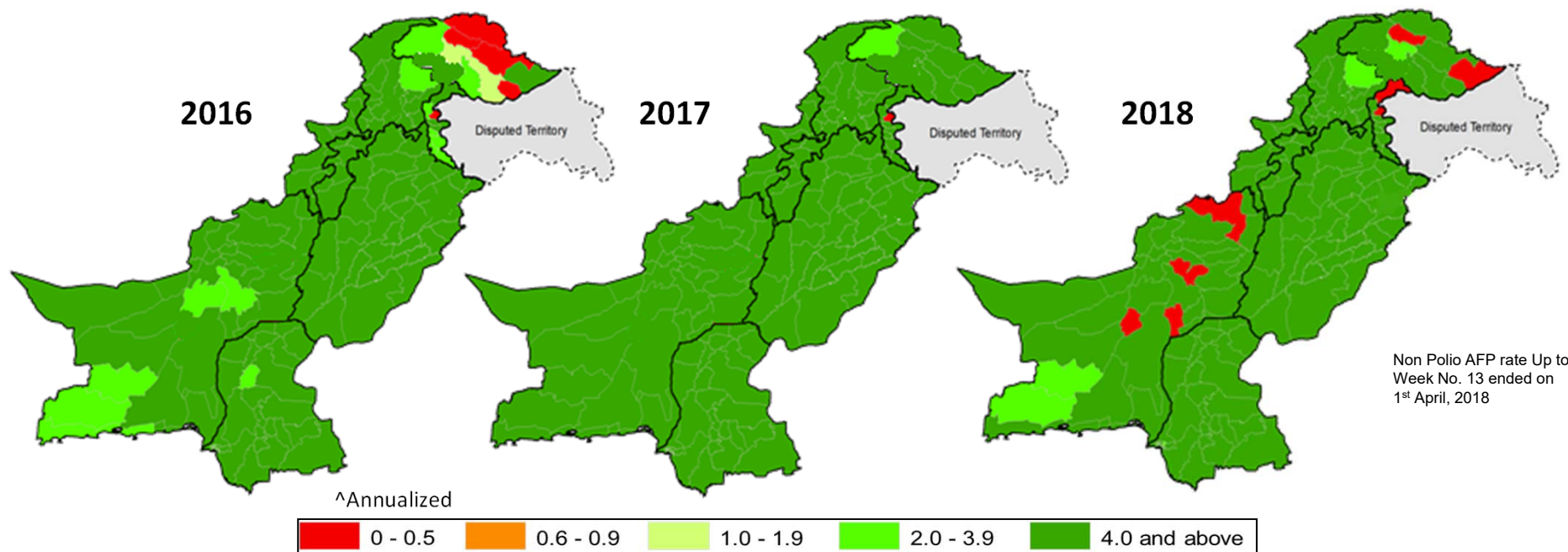


**Graph 6: Percent AFP Cases Investigated within 48 hours of notification  
2016 ~ 2018\*; By Province/Regions**

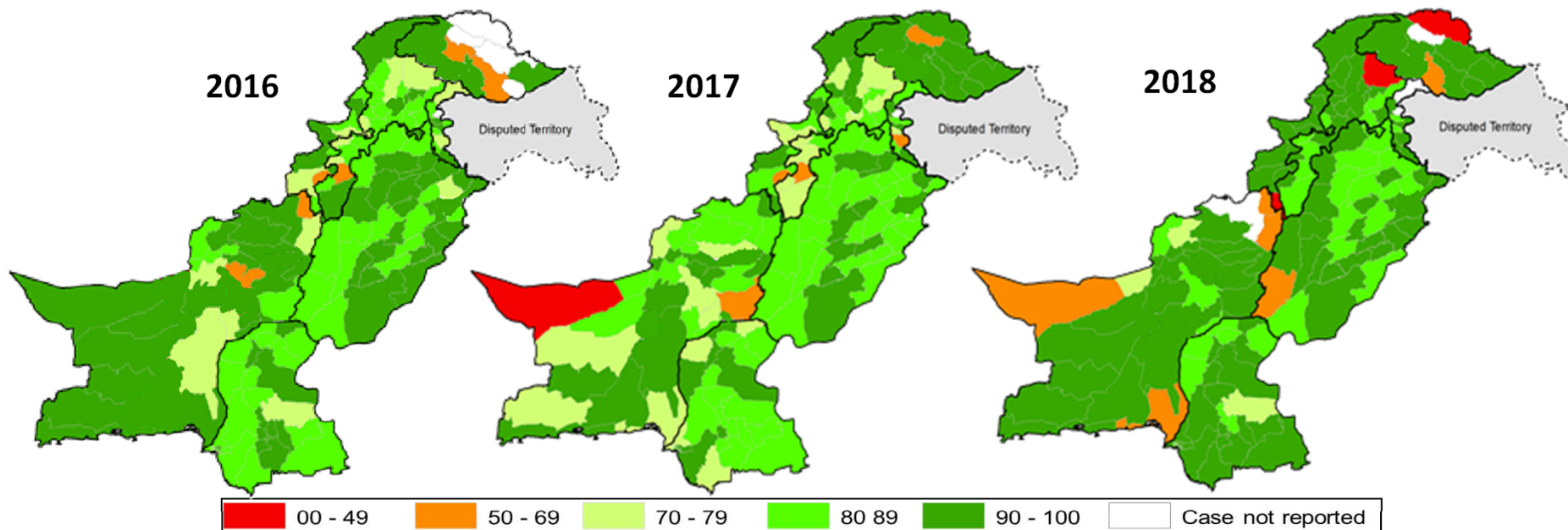


\* Afp.rec Data as of 02-04-2018

## Non-Polio ^ AFP Rate by District



## Percent AFP Cases with Adequate Specimens, by District



**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION  
WITH DATE OF ONSET MORE THAN 90 DAYS\* 2017 (1/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	DIRUPPER	DIRUPPER	KP/25/17/0800	M	36	12-09-17	7+	08-10-17	09-10-17	EV	UK	UK	UK		202
2	DIRUPPER	DIRUPPER	KP/25/17/801	M	9	13-12-17	7+	LATE NOTIFIED			UK	UK	UK		110
3	FAISALABAD	FAISALABAD	PB/51/17/237	F	2	01-12-17	7+	DIED BEFORE STOOL			UK	UK	UK	DIED	122
4	KARAK	KARAK	KP/51/17/800	M	144	20-11-17	7+	LATE NOTIFIED			UK	UK	UK		133
5	LAHORE	LAHORE	PB/31/17/278	M	24	10-12-17	7+	27-12-17	28-12-17	NVI	Y	N	N	Y	113
6	MALAKAND	MALAKAND	PB/20/17/042	M	19	07-09-17	7+	LATE NOTIFIED			UK	UK	UK		207
7	MBDIN	MBDIN	PB/24/17/052	F	60	25-08-17	7+	LATE NOTIFIED			Y	N	N	Y	220
8	NAROWAL	NAROWAL	PB/26/17/059	M	35	04-12-17	7+	21-12-17	24-12-17	NVI	UK	UK	UK	Y	119
9	RYKHAN	RYKHAN	PB/72/17/265	M	144	29-12-17	7+	27-01-18	29-01-18	NVI	UK	UK	UK		94
10	SHEIKHUPURA	SHEIKHUPURA	PB/33/17/115	F	21	21-12-17	7+	21-01-18	23-01-18	NVI	UK	UK	UK	Y	102
11	SKARDU	SKARDU	GB/21/17/003	M	72	04-01-17	7+	17-05-17		NVI	UK	UK	UK		453
12	ATTOCK	FATEH JANG	PB/12/17/060	M	86	04-10-17	7+	LATE NOTIFIED			UK	UK	UK	Y	180
13	ATTOCK	JAND	PB/12/17/062	M	34	02-10-17	7+	LATE NOTIFIED			N	Y	Y	Y	182
14	CHAKWAL	KALLAR KAHAR	PB/13/17/063	F	145	06-11-17	7+	LATE NOTIFIED			N	N	Y	Y	147
15	CHINIOT	CHINIOT	PB/54/17/047	F	10	18-10-17	7+	LATE NOTIFIED			Y	Y	Y	Y	166
16	DGKHAN	DG KHAN	PB/81/17/178	M	20	09-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	236
17	DGKHAN	DG KHAN	PB/81/17/218	M	120	20-12-17	7+	LATE NOTIFIED			Y	N	Y		103
18	DGKHAN	DG KHAN	PB/81/17/228	M	54	31-12-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	92
19	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3	LATE NOTIFIED			Y	Y	UK	Y	314
20	FAISALABAD	FSD SADAR	PB/51/17/201	F	20	22-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	254
21	FAISALABAD	SAMUNDRI	PB/51/17/208	F	30	10-09-17	7+	10-10-17	11-10-17	NVI	Y	N	N		204
22	FAISALABAD	FSD SADAR	PB/51/17/209	M	11	04-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	241
23	FAISALABAD	FSD SADAR	PB/51/17/247	F	60	22-12-17	7+	LATE NOTIFIED			N	Y	Y		101
24	GUJRANWALA	N.VIRKAN TOWN	PB/21/17/192	M	120	15-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	230
25	GUJRAT	KHARIAN	PB/23/17/088	M	74	15-05-17	7+	LATE NOTIFIED			N	Y	Y	Y	322
26	HAFIZABAD	HAFIZABAD	PB/22/17/083	M	54	20-12-17	7+	LATE NOTIFIED			N	Y	Y	Y	103
27	JHANG	JHANG	PB/53/17/069	F	60	07-08-17	7+	24-08-17	26-08-17	EV	Y	Y	Y	Y	238
28	JHANG	18-HAZARI	PB/53/17/082	M	168	29-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	216
29	JHANG	SHORKOT	PB/53/17/086	M	17	30-06-17	7+	LATE NOTIFIED			Y	Y	Y	Y	276
30	JHANG	JHANG	PB/53/17/076	F	900	26-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	188
31	JHANG	SHORKOT	PB/53/17/087	M	96	19-10-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	165
32	KASUR	PATTOKI	PB/32/17/087	M	148	28-07-17	7+	LATE NOTIFIED			Y	N	Y	Y	248
33	KASUR	PATTOKI	PB/32/17/090	M	14	10-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	266
34	KASUR	PATTOKI	PB/32/17/109	M	48	20-12-17	7+	11-01-18	13-01-18	NVI	N	N	Y	Y	103
35	KASUR	PATTOKI	PB/32/17/106	F	96	19-12-17	7+	07-01-18	08-01-18	NVI	Y	Y	Y		104
36	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	243
37	KHANEWAL	JAHANIAN	PB/62/17/091	F	46	25-10-17	7+	26-11-17	27-11-17	NVI	N	N	Y		159
38	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	247
39	LAHORE	SAMANABAD TOWN	PB/31/17/154	F	83	03-07-17	7+	DIED BEFORE STOOL			Y	N	N	DIED	273
40	LAHORE	DATA GUNJBUX TOWN	PB/31/17/230	M	15	11-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	234
41	LAHORE	NISHTER TOWN	PB/31/17/271	M	20	01-10-17	7+	LATE NOTIFIED			Y	Y	Y	Y	183
42	LAHORE	RAVI TOWN	PB/31/17/264	F	144	13-12-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	110

\* Afp.rec Data as of 02-04-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION  
WITH DATE OF ONSET MORE THAN 90 DAYS\* 2017 (2/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
43	LAHORE	WAHGA TOWN	PB/31/17/275	M	4	21-10-17	7+	20-12-17	21-12-17	NVI	Y	N	Y	Y	163
44	LAHORE	DATA GUNJBUX TOWN	PB/31/17/276	M	84	20-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	225
45	LAHORE	JALLAMA IQBAL TOWN	PB/31/17/273	F	60	16-12-17	7+	LATE NOTIFIED			N	N	Y		107
46	LAHORE	AZIZ BHATTI TOWN	PB/31/17/290	F	23	15-12-17	7+	27-01-18	29-01-18	NVI	Y	Y	Y	Y	108
47	LAYYAH	KAROR LAL ESAN	PB/84/17/181	M	8	30-11-17	7+	LATE NOTIFIED			Y	Y	Y		123
48	LODHRAN	KAHROR PAKKA	PB/64/17/072	M	144	13-12-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	110
49	MIANWALI	EISAKHAIL	PB/43/17/044	M	120	13-07-17	7+	28-07-17	29-07-17	EV	Y	N	Y		263
50	MIANWALI	MAINWALI	PB/43/17/056	F	55	06-08-17	7+	LATE NOTIFIED			Y	N	N	Y	239
51	MIANWALI	MAINWALI	PB/43/17/074	F	48	14-11-17	6	LATE NOTIFIED			Y	Y	Y		139
52	MULTAN	MULTAN URBAN	PB/61/17/103	F	42	08-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	237
53	MULTAN	MULTAN URBAN	PB/61/17/148	M	30	21-11-17	7+	19-12-17	20-12-17	EV	Y	Y	Y	Y	132
54	MULTAN	MULTAN URBAN	PB/61/17/152	M	84	19-12-17	7+	LATE NOTIFIED			Y	N	Y		104
55	MUZFARGARH	ALIPUR	PB/83/17/199	M	21	12-09-17	7+	27-09-17	29-09-17	NVI	Y	Y	Y	Y	202
56	MUZFARGARH	MUZAFFARGARH	PB/83/17/224	M	25	26-10-17	7+	03-11-17	02-12-17	NVI	Y	N	Y	Y	158
57	MUZFARGARH	MUZAFFARGARH	PB/83/17/234	M	48	13-11-17	7+	DIED BEFORE STOOL			Y	UK	Y	DIED	140
58	MUZFARGARH	KOT ADU	PB/83/17/278	M	144	18-12-17	7+	LATE NOTIFIED			Y	N	Y		105
59	MUZFARGARH	ALIPUR	PB/83/17/285	F	36	12-11-17	7+	LATE NOTIFIED			Y	Y	Y		141
60	NANKANASAHIB	NANKANA SAHIB	PB/35/17/063	M	19	04-09-17	7+	29-09-17	01-10-17	NVI	Y	Y	Y	Y	210
61	NANKANASAHIB	SANGLA HILL	PB/35/17/070	F	15	15-09-17	7+	25-10-17	27-10-17	EV	Y	Y	Y	Y	199
62	OKARA	RENALA KHURD	PB/34/17/104	F	22	29-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	216
63	OKARA	OKARA	PB/34/17/275	M	4	21-10-17	6	LATE NOTIFIED			Y	N	Y		163
64	OKARA	OKARA	PB/34/17/276	M	96	22-12-17	7+	LATE NOTIFIED			N	Y	Y		101
65	OKARA	DEPALPUR	PB/34/17/277	F	30	10-12-17	7+	LATE NOTIFIED			Y	Y	Y		113
66	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	354
67	RAJANPUR	ROJHAN	PB/82/17/131	F	30	15-11-17	7+	LATE NOTIFIED			Y	Y	Y		138
68	RAJANPUR	JAM PUR	PB/82/17/143	M	18	21-11-17	7+	03-01-18	04-01-18	NVI	Y	N	Y	DIED	132
69	RAJANPUR	RAJAN PUR	PB/82/17/144	M	66	24-12-17	7+	LATE NOTIFIED			N	N	Y		99
70	RAJANPUR	RAJAN PUR	PB/82/17/141	M	66	24-12-17	7+	07-01-18	08-01-18	NVI	N	N	Y	Y	99
71	RAWALPINDI	RWP CITY	PB/11/17/166	F	42	08-09-17	7+	29-09-17	30-09-17	EV	Y	N	UK	Y	206
72	RAWALPINDI	RWP RURAL	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	241
73	RAWALPINDI	RWP RURAL	PB/11/17/183	M	156	02-10-17	7+	21-10-17	22-10-17	NVI	Y	Y	Y	Y	182
74	RAWALPINDI	TAXILA	PB/11/17/235	M	99	29-10-17	7+	LATE NOTIFIED			N	N	Y	Y	155
75	SAHIWAL	SAHIWAL	PB/65/17/078	M	36	21-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y	Y	224
76	SARGODHA	SHAHPUR	PB/41/17/114	M	23	02-12-17	7+	11-12-17	11-12-17	NVI	N	Y	Y	Y	121
77	SARGODHA	KOT MOMIN	PB/41/17/123	M	168	07-12-17	7+	LATE NOTIFIED			UK	UK	N	Y	116
78	SARGODHA	SARGODHA	PB/41/17/132	F	19	22-12-17	7+	09-02-18	10-02-18	NVI	Y	Y	Y		101
79	SHEIKHUPURA	SHEIKHUPURA	PB/33/17/087	M	114	15-09-17	7+	19-10-17	21-10-17	NVI	N	Y	UK	Y	199
80	SHEIKHUPURA	MURIDKE	PB/33/17/095	M	60	16-11-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	137
81	TTSINGH	PIR MAHAL	PB/52/17/115	M	32	10-10-17	7+	10-11-17	11-11-17	NVI	Y	Y	Y	Y	174
82	TTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	237
83	TTSINGH	PIR MAHAL	PB/52/17/111	M	21	06-10-17	7+	25-10-17	26-10-17	NVI	Y	Y	Y	Y	178
84	VEHARI	VEHARI	PB/63/17/057	F	24	11-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	203

\* Afp.rec Data as of 02-04-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION  
WITH DATE OF ONSET MORE THAN 90 DAYS\* 2017 (3/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)	
85	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+	LATE NOTIFIED			N	N	N	Y	289	
86	BADIN	BADIN	SD/23/17/069	F	48	05-12-17	7+	27-12-17	28-12-17	NVI	Y	Y	Y		118	
87	GHOTKI	UBAURO	SD/42/17/110	F	30	24-12-17	7+	18-01-18	19-01-18	EV	Y	Y	Y	Y	99	
88	JAMSHORO	KOTRI	SD/25/17/053	F	48	20-11-17	7+	24-12-17	25-12-17	VACC	N	N	Y		133	
89	THARPARKAR	NANGARPARKAR	SD/33/17/063	M	144	07-12-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	116	
90	ABOTABAD	HAWALLIAN	KP/10/17/073	M	108	01-12-17	7+	LATE NOTIFIED			N	N	Y	Y	122	
91	BUNER	DAGGAR	KP/22/17/049	M	28	20-09-17	7+	LATE NOTIFIED			Y	N	Y	Y	194	
92	DIKHAN	DRABAN	KP/60/17/055	F	24	23-12-17	7+	12-01-18	13-01-18	NVI	Y	N	Y	Y	100	
93	HARIPUR	GHAZI	KP/12/17/049	F	123	09-10-17	7+	LATE NOTIFIED			Y	Y	N	Y	175	
94	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	0	LATE NOTIFIED			N	Y	Y	Y	270	
95	KARAK	KARAK	KP/51/17/092	M	26	27-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	218	
96	KARAK	KARAK	KP/51/17/093	M	26	20-10-17	7+	LATE NOTIFIED			N	Y	Y	Y	164	
97	KOHAT	KOHAT	KP/50/17/039	F	13	25-09-17	7+	LATE NOTIFIED			N	Y	Y	Y	189	
98	KOHAT	KOHAT	KP/50/17/054	M	72	28-10-17	3	LATE NOTIFIED			Y	N	N	Y	156	
99	LAKKIMRWT	SERAI NAURANG	KP/62/17/052	M	36	18-08-17	1	LATE NOTIFIED			Y	Y	Y	Y	227	
100	LAKKIMRWT	LAKKI MARWAT	KP/62/17/081	M	27	21-12-17	7+	LATE NOTIFIED			Y	Y	N	Y	102	
101	MARDAN	MARDAN	KP/40/17/230	M	15	02-12-17	7+	LATE NOTIFIED			Y	Y	UK	Y	121	
102	NOWSHERA	NOWSHERA	KP/32/17/082	F	6	08-12-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	115	
103	PESHAWAR	PESHAWAR	KP/30/17/281	M	4	22-12-17	5	08-02-18	13-02-18	NVI	N	Y	N	Y	101	
104	SHANGLA	ALPURI	KP/26/17/039	F	96	03-09-17	0	DIED BEFORE STOOL			N	Y	UK	DIED	211	
105	SWABI	TOPI	KP/41/17/145	M	40	01-08-17	3	LATE NOTIFIED			Y	N	UK	Y	244	
106	TANK	TANK	KP/63/17/036	M	12	02-12-17	7+	LATE NOTIFIED			UK	Y	Y	Y	121	
107	CHAGHAI	CHAGAI	BN/13/17/009	M	96	24-11-17	6	10-12-17	14-12-17	NVI	N	N	Y		129	
108	JAFARABAD	SOHBAT PUR	BN/43/17/045	M	24	10-12-17	7+	LATE NOTIFIED			N	Y	Y	Y	113	
109	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3	LATE NOTIFIED			Y	N	N	Y	DIED	311
110	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	227	
111	BAGH	BAGH	AJ/50/17/028	F	84	30-12-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	93	
112	HAVELI	KHURSHIDABAD	AJ/51/17/006	M	60	07-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	238	
113	KOTLI	KHUIRATTA	AJ/30/17/002	F	156	01-01-17	7+	LATE NOTIFIED			Y	Y	Y	Y	456	
114	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	289	
115	POONCH	THORAR	AJ/40/17/041	F	48	18-12-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	105	
116	CDA	CDA	IB/01/17/045	M	138	20-12-17	7+	17-01-18	18-01-18	NVI	N	N	Y		103	
117	BAJOUR	KHAR	FT/33/17/126	M	36	25-09-17	7+	LATE NOTIFIED			Y	Y	Y	Y	189	
118	FR BANNU	FR BANNU	FT/69/17/024	M	48	22-10-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	162	

\* Afp.rec Data as of 02-04-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.