



**World Health
Organization**

**Weekly
AFP Surveillance Update
Pakistan**

Week 12 (*Ended on 24th March, 2018*)

National Surveillance Cell

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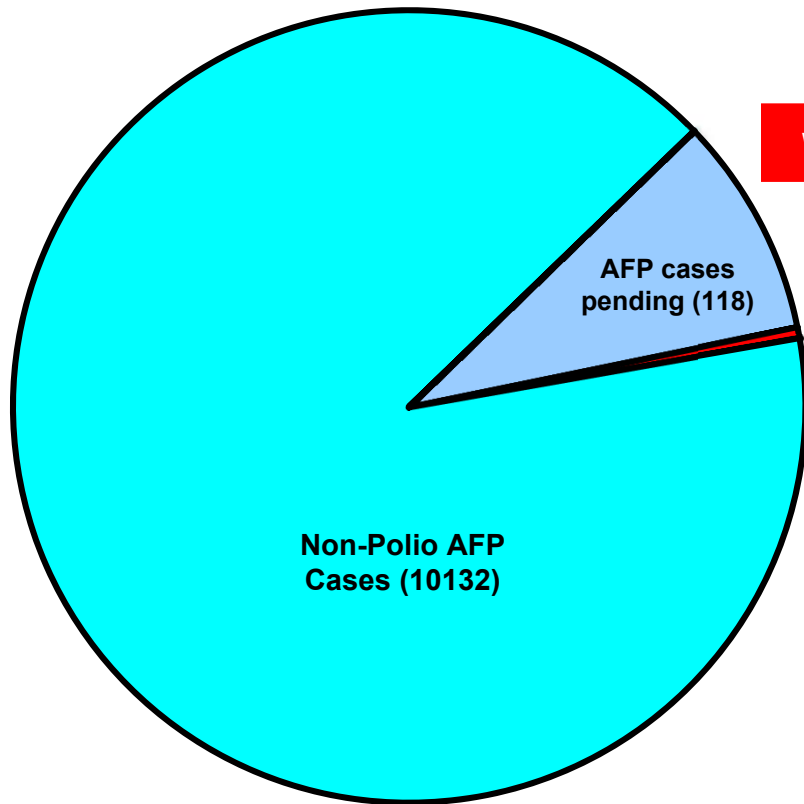
AFP Surveillance



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

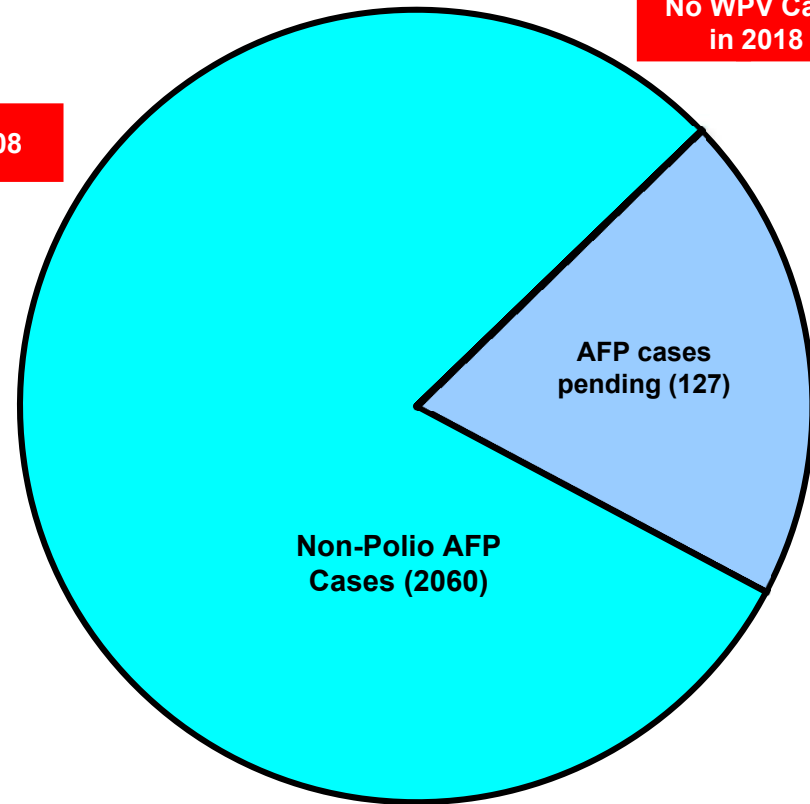
AFP Case Profile, 2017-2018*

2017



WPV Cases = 08

2018



No WPV Case in 2018

Total AFP Cases Reported = 10258

^ 118 Inadequate cases not due for FUP

^ 115 AFP Cases pending for classification by ERC

Total AFP Cases Reported = 2188

^ 107 Inadequate cases not due for FUP

* Afp.rec Data as of 26-03-2018

Table 1.1: List of Confirmed Polio Cases, Pakistan 2017-2018* (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	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
2018															
No Wild Polio Case reported in 2018															

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

Basic information										OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks
S.#	District	Tier	Tehsil	Union council	Epid number	Date of Onset	Age (Y)	Sex	Date of 1st stool Adeq	RI	SIA1	Last 6 SIA1	Last dose	Field	NSC		Lab No.	Days Inoc	Culture update	
Isolates pending for ITSD																				
1	DUKI		DUKI	VIALA DUKI	BN/65/18/003	08-Mar-18	38	M	12-Mar-18	Y	0	7+	6	14-Feb-18	N	N	HEMIPLEGIA	2744	4	L20B+
2	PISHIN	1	PISHIN	HURAMZAI	BN/12/18/012-C1		48	M	12-Mar-18	-	-	-	-	-	-	-	-	2745	5	L20B+
3	PISHIN *	1	PISHIN	HURAMZAI	BN/12/18/012-C2		36	F	12-Mar-18	-	-	-	-	-	-	-	-	2747	9	L20B+
4	KHYBER	1	BARA	AJAB TALAB	FT/34/18/029	08-Mar-18	52	F	14-Mar-18	Y	1	7	6	12-Feb-18	N	N	BELLS PAISY	2769	5	L20B+
5	PESHAWAR *	1	PESHAWAR	KHALSA-2	KP/30/18/058	10-Mar-18	13	M	14-Mar-18	Y	3	7+	6		N	N	FACIAL PALCY	2783	9	L20B+
6	PESHAWAR *	1	PESHAWAR	KARIM PURA	KP/30/18/063	06-Mar-18	31	M	14-Mar-18	Y	3	7	6	15-Feb-18	N	N	UNNOTICED TRAUMA	2785	9	L20B+
7	SWABI	4	SWABI	MARGHUZ	KP/41/18/030	26-Feb-18	18	M	13-Mar-18	N	2	7+	6	12-Mar-18	N	N	TRAUMATIC NEURITIS	2760	5	L20B+
8	MIANWALI	4	MIANWALI	CHEDRO	PB/43/18/014	13-Mar-18	30	F	14-Mar-18	Y	3	7+	6	15-Feb-18	N	N	MYOSITIS	2778	5	L20B+
9	KHIBALDIA *	1	BALDIA TOWN	MOHAJIR CAMP-	SD/61/18/004	06-Mar-18	18	M	15-Mar-18	Y	3	7+	6	19-Feb-18	N	N	VIRAL FEVER/MENINGITIS	2767	9	L20B+
Reported urgent (by field / NSC criteria)																				
10	PISHIN	1	PISHIN	HURAMZAI	BN/12/18/012	02-Mar-18	34	F		N	0	7	6		N	N	POST MEASLES ENCEPHALITIS			UP Index of C-1 and C-2 (Index case died)

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	
Khyber Pakhtunkhwa	8	1	0	6	1	0	21-Aug-17
Sindh	8	2	0	5	2	0	09-Nov-17
Balochistan	2	3	0	2	2	0	15-Nov-17
G-Baltistan	0	1	0	0	1	0	13-Feb-17
Punjab	0	1	0	0	1	0	28-Jan-17
FATA / FR Areas	2	0	0	1	0	0	27-Jul -16
Pakistan	20	8	0	14	7	0	15-Nov-17

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

* Afp.rec Data as of 26-03-2018

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
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%
Total-2017	9964	7029	5	0	553	6	2369	24%	8	9880	95%
January -18	1008	830	4	0	76	8	98	9%	0	1004	94%
February -18	872	652	67	1	64	7	89	3%	0	805	28%
March-2018	333	32	296	7	0	0	5	3%	0	37	28%
Total-2018	2213	1514	367	8	140	5	192	7%	0	1039	64%

*Data as of 26-03-2018

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%	11			0	0%	18-Dec-17
MULTAN	36	2		2	6%	36	1		1	3%	6			0	0%	9-Jan-17
DGKHAN	33	1		1	3%	36			0	0%	6		1	1	17%	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		
BAHAWALPUR	1			0		12			0	0%	2			0		
RAJANPUR											2			0		
CDA	12			0	0%	12	5		5	42%	2	1		1	50%	10-Jan-18
KHIGIQBAL	25	1	1	2	8%	26	5	1	6	23%	4			0		10-Oct-17
KHIGADAP	36	4		4	11%	36	21		21	58%	6	1		1	17%	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		16-Oct-17
KHISITE	1			0		12	5		5	42%	3	1		1	33%	1-Jan-18
KHISADDAR											2			0		
KHILIAQAT											2	1		1	50%	7-Mar-18
SUKKUR	27	2	1	3	11%	32	1	1	2	6%	5		1	1	20%	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%	3		1	1	33%	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%	2			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		
KOHAT	1			0		10			0	0%	3	1		1	33%	5-Jan-18
CHARSADA	1			0		12			0	0%	2			0		
MARDAN	1			0		12			0	0%	1			0		
NOWSHERA				0		12			0	0%	2			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%	9	1		1	11%	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		
LORALAI	1			0		12	3		3	25%	1			0		17-Nov-17
ZHOB	1			0		12	1		1	8%	2			0		18-Dec-17
PAKISTAN	543	53	9	62	11%	654	98	8	106	16%	125	12	4	16	13%	10-Mar-18

* New addition in Env Surveillance Network

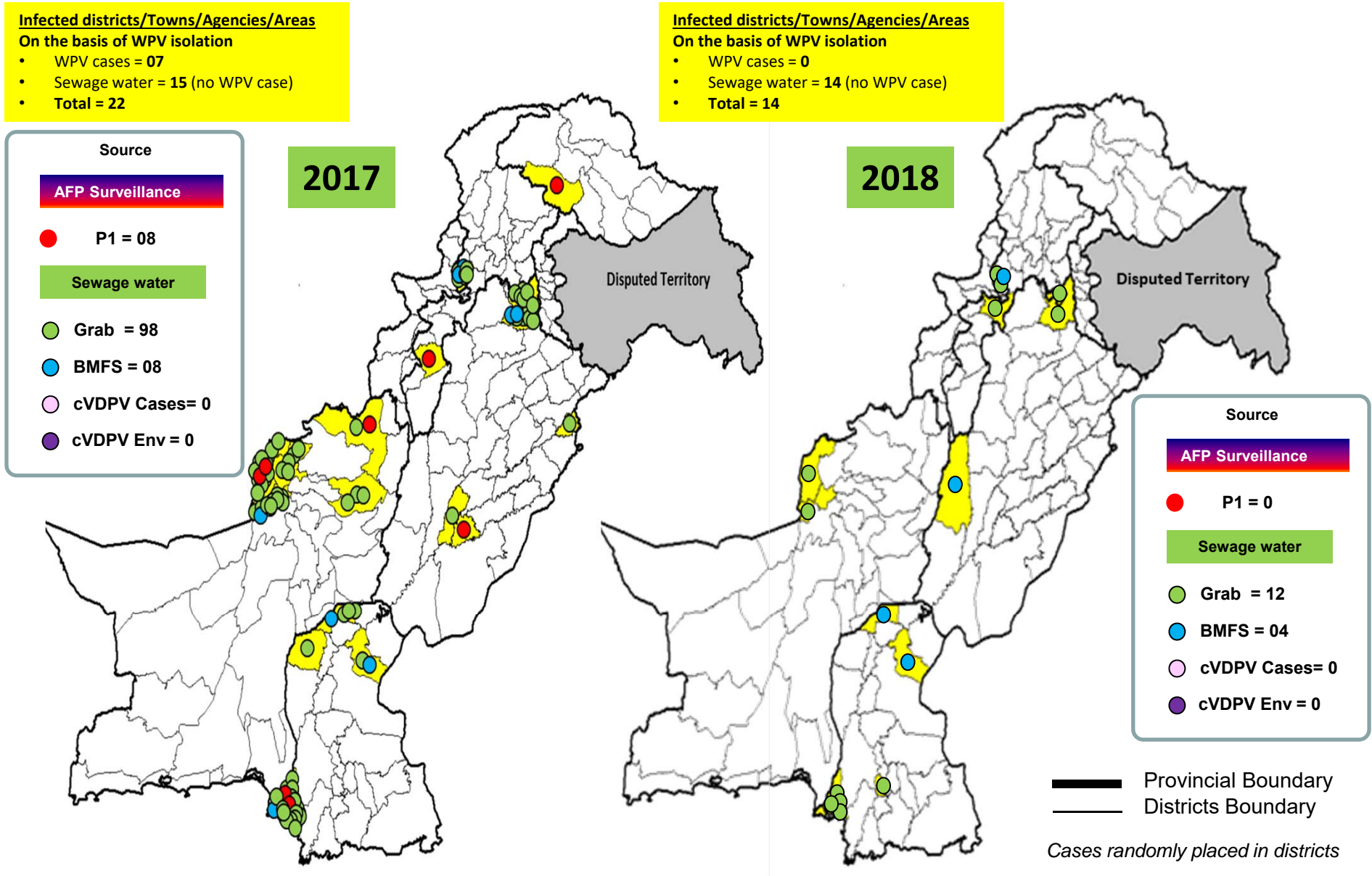
New Positive Samples

* Data as of March 26-2018

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		
Total		21-Aug	01		
SINDH	KHIGADAP	09-Nov	1		
	KHIGIQBAL	11-Aug	1		
Total		09-Nov	02		
BALOCHISTAN	ZHOB	15-Nov	1		
	KABDULAH	13-Nov	2		
Total		15-Nov	03		
G-Baltistan	DIAMIR	13-Feb	1		
Total		13-Feb	01		
PUNJAB	LODHRAN	28-Jan	1		
Total		28-Jan	01		
PAKISTAN		15-Nov	08		

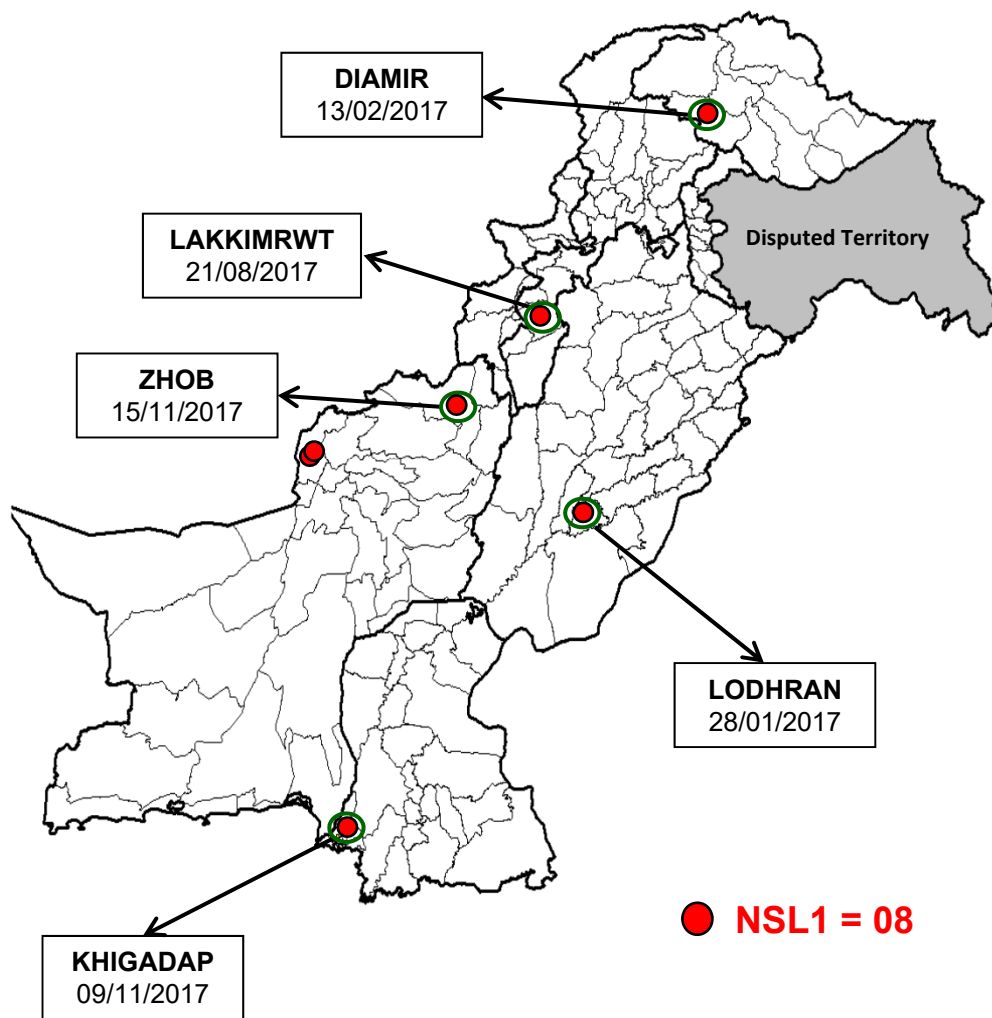
Map 2: Wild Polio virus isolates and cVDPV, 2017 - 2018*



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

Districts/Towns with Wild Polio Cases = 08

No WPV Case in 2018



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	Nov, 2017	Apr, 2010	03	-	-	-
PUNJAB	Jan, 2017	Jun, 2010	01	-	-	-
AJK	Jun, 2000	Jun, 2000	-	-	-	-
GILGIT-BALTISTAN	Feb, 2017	-	01	-	-	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-	-	-
PAKISTAN	Nov, 2017	Apr, 2012	08	-	-	-

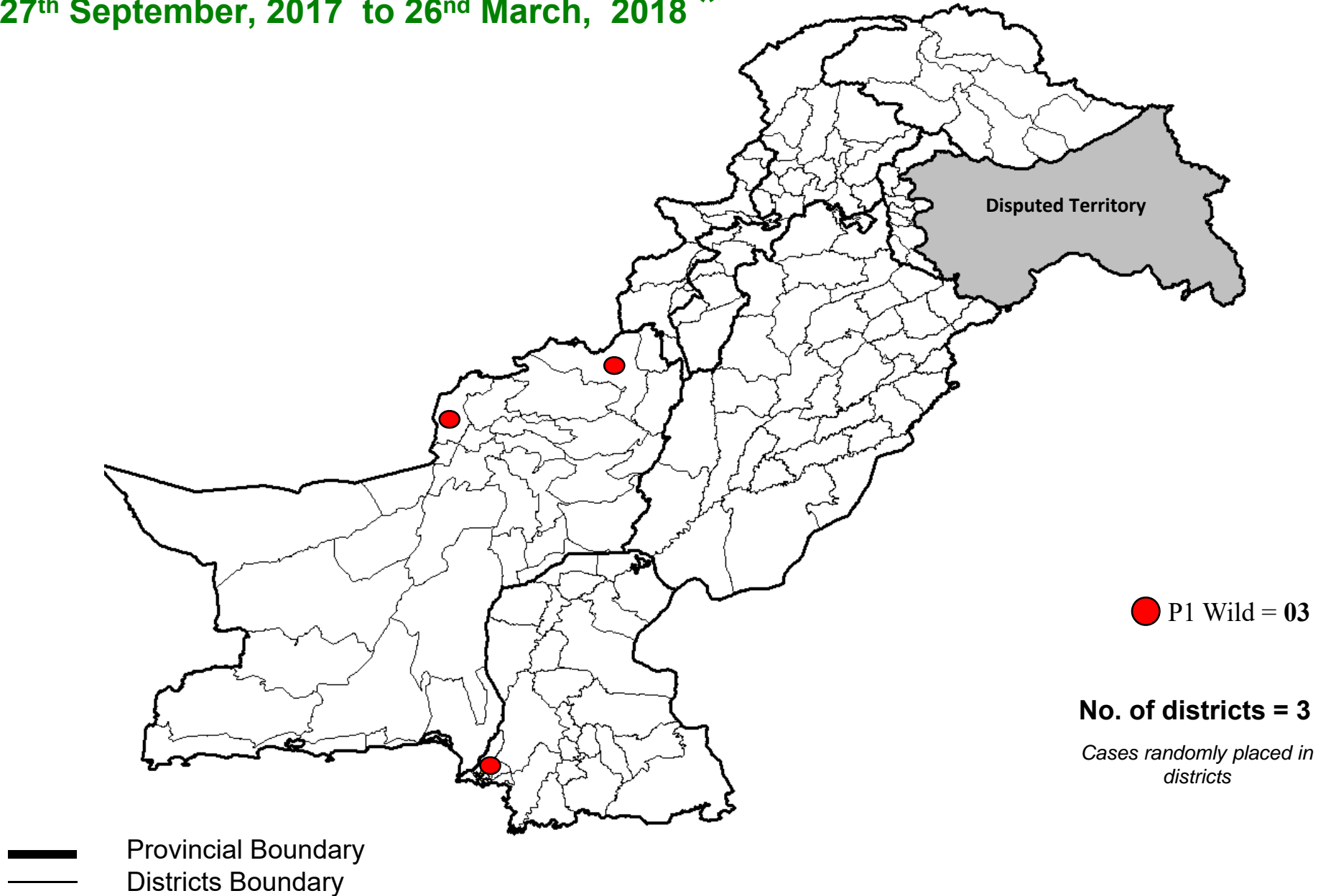
- District with last polio case in province
- Provincial Boundary
- Districts Boundary

Cases randomly placed in districts

* Afp.rec Data as of 26-03-2018

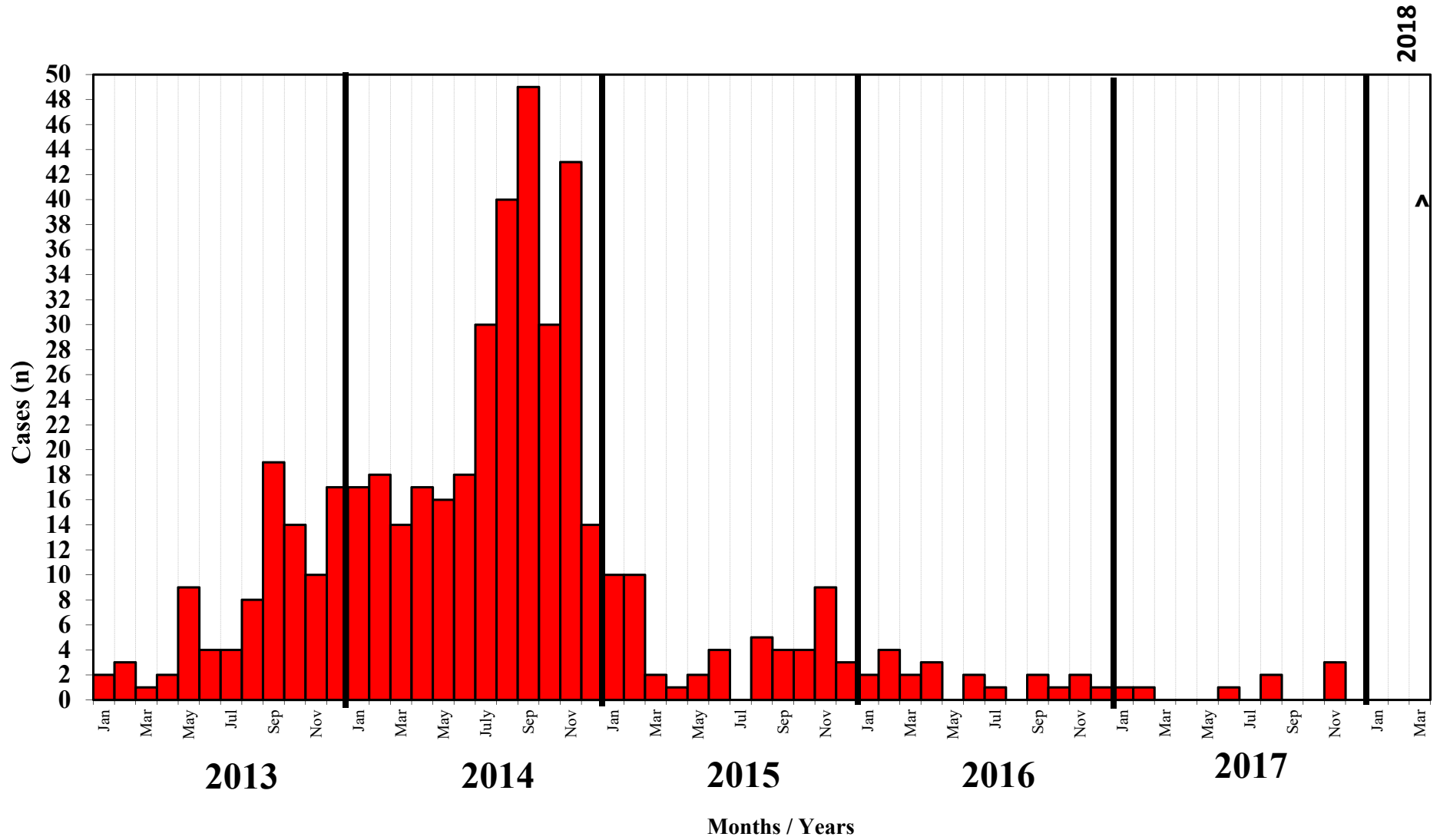
Map 3: Wild Polio cases in the last 6 months

27th September, 2017 to 26nd March, 2018 *



* Afp.rec Data as of 26-03-2018

Confirmed Polio Cases 2013-2018*

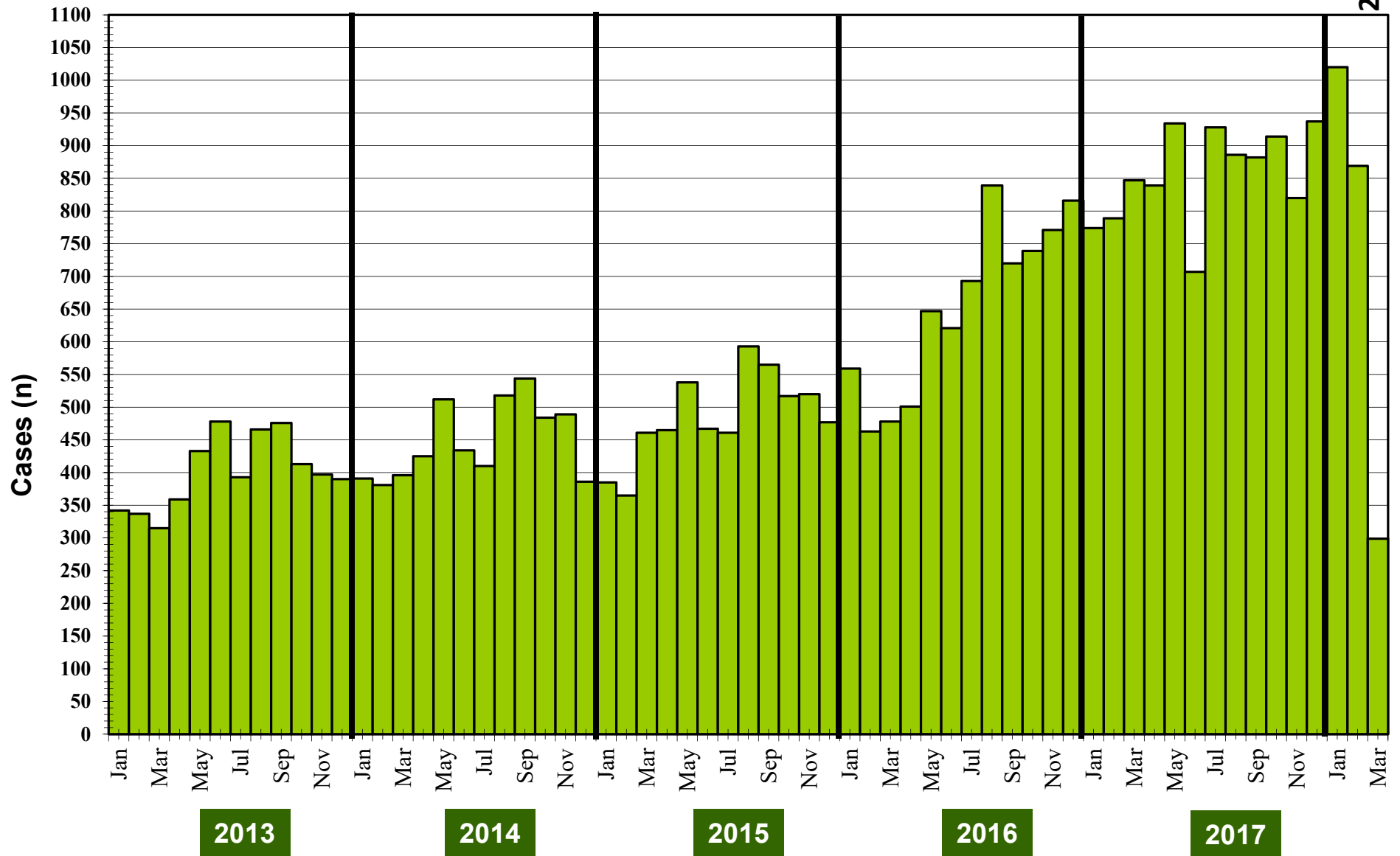


■ NSL1

^ Data incomplete

* Afp.rec Data as of 26-03-2018

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



* Afp.rec Data as of 26-03-2018

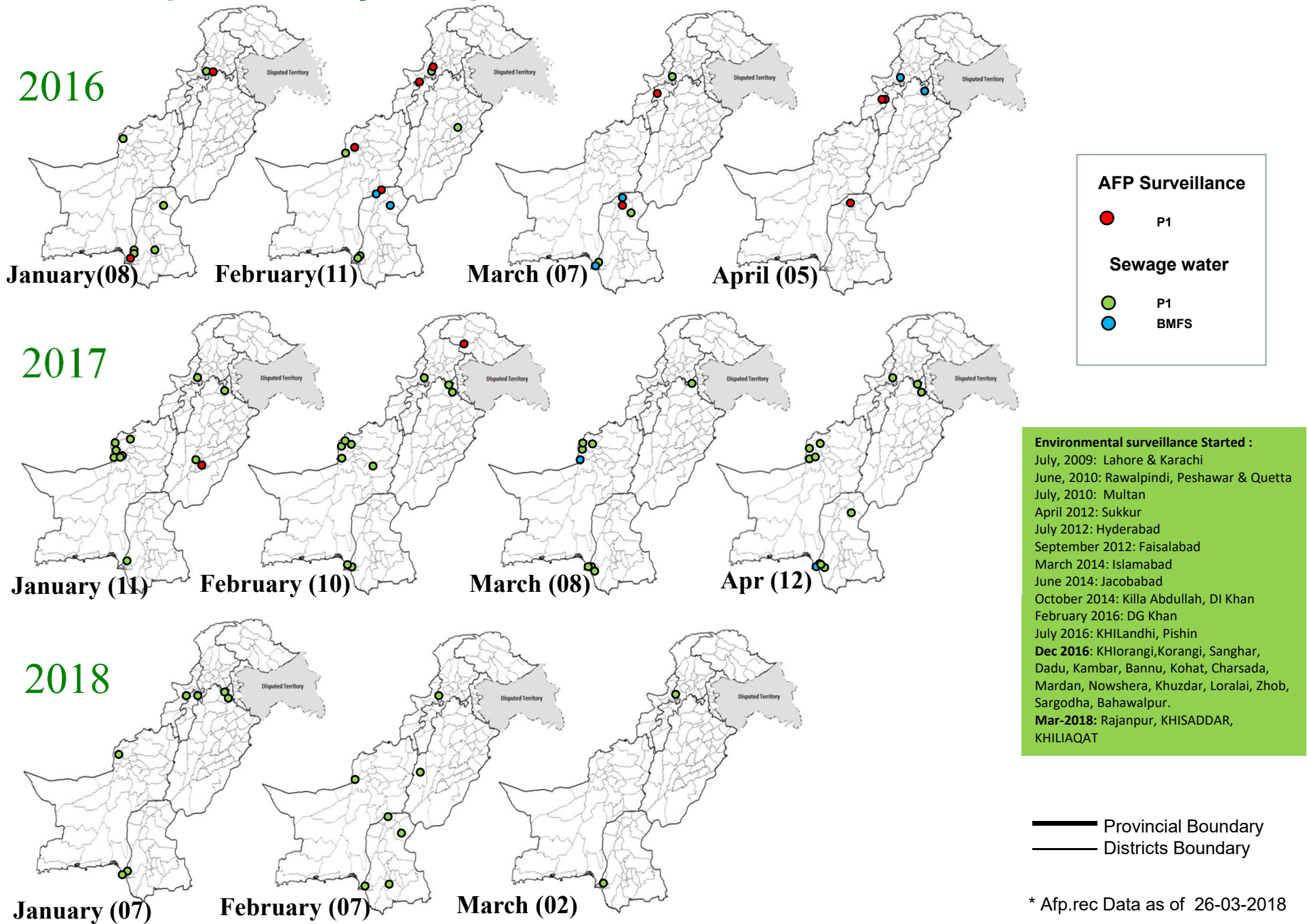
**Table 4: Distribution of AFP Cases By Week of Onset [^]
Pakistan- 2017-2018* [Week number / Ending on]**

PROVINCE	W 49 09 Dec2 017	W 50 16 Dec2 017	W 51 23 Dec 2017	W 52 30 Dec 2017	W 01 06 Jan2 017	W 02 13 Jan2 017	W 03 20 Jan2 017	W 04 27 Jan2 017	W 05 03 Feb 2017	W 06 11 Feb 2017	W 07 18 Feb 2017	W 08 25 Feb 2017	W 09 04 Mar 2017	W 10 11 Mar 2017	W 11 18 Mar 2017
PUNJAB	94	112	116	83	88	106	116	85	94	104	97	98	86	63	36
SINDH	31	52	44	38	37	49	56	65	52	63	53	42	30	25	13
FATA	9	10	13	13	14	18	25	11	6	7	6	7	4	13	5
BALUCHISTAN	15	9	9	9	15	10	15	5	9	12	10	13	8	10	1
AJK	3	1	3	12	6	3	7	3	2	8	6	10	9	4	2
GILGIT BILTISTAN	1	2	3	2	0	5	3	1	1	2	4	4	2	1	0
ISLAMABAD	1	1	10	1	2	2	5	3	1	4	2	3	5	3	1
KPAKHTUNKHWA	41	66	42	39	42	49	42	36	45	42	43	36	46	38	10
PAKISTAN	161	195	253	240	204	242	269	209	210	242	221	213	190	157	68

* Afp.rec & Afplab.rec: Data as of 26-03-2018

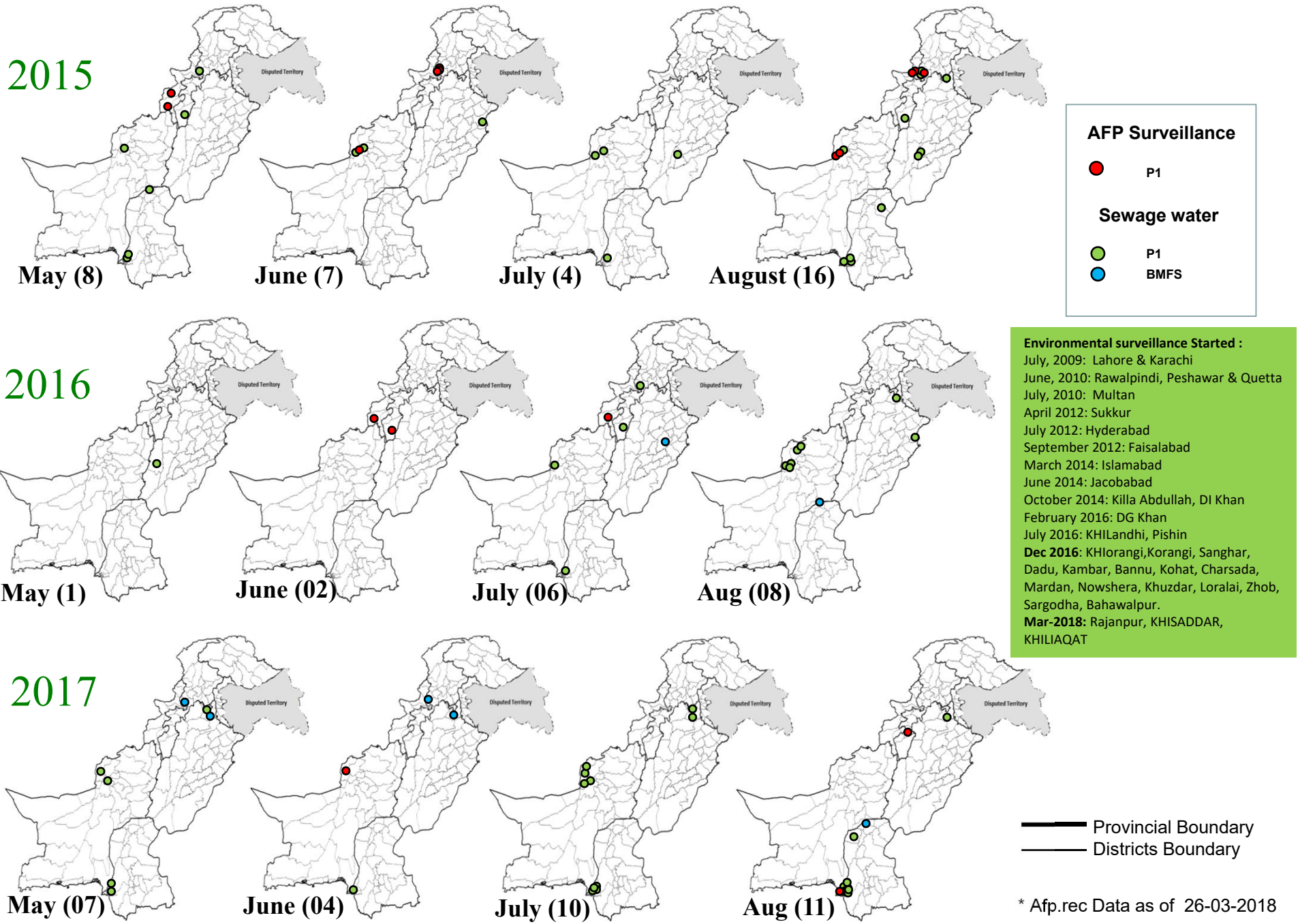
[^] MMWR Epidemiological Weeks

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



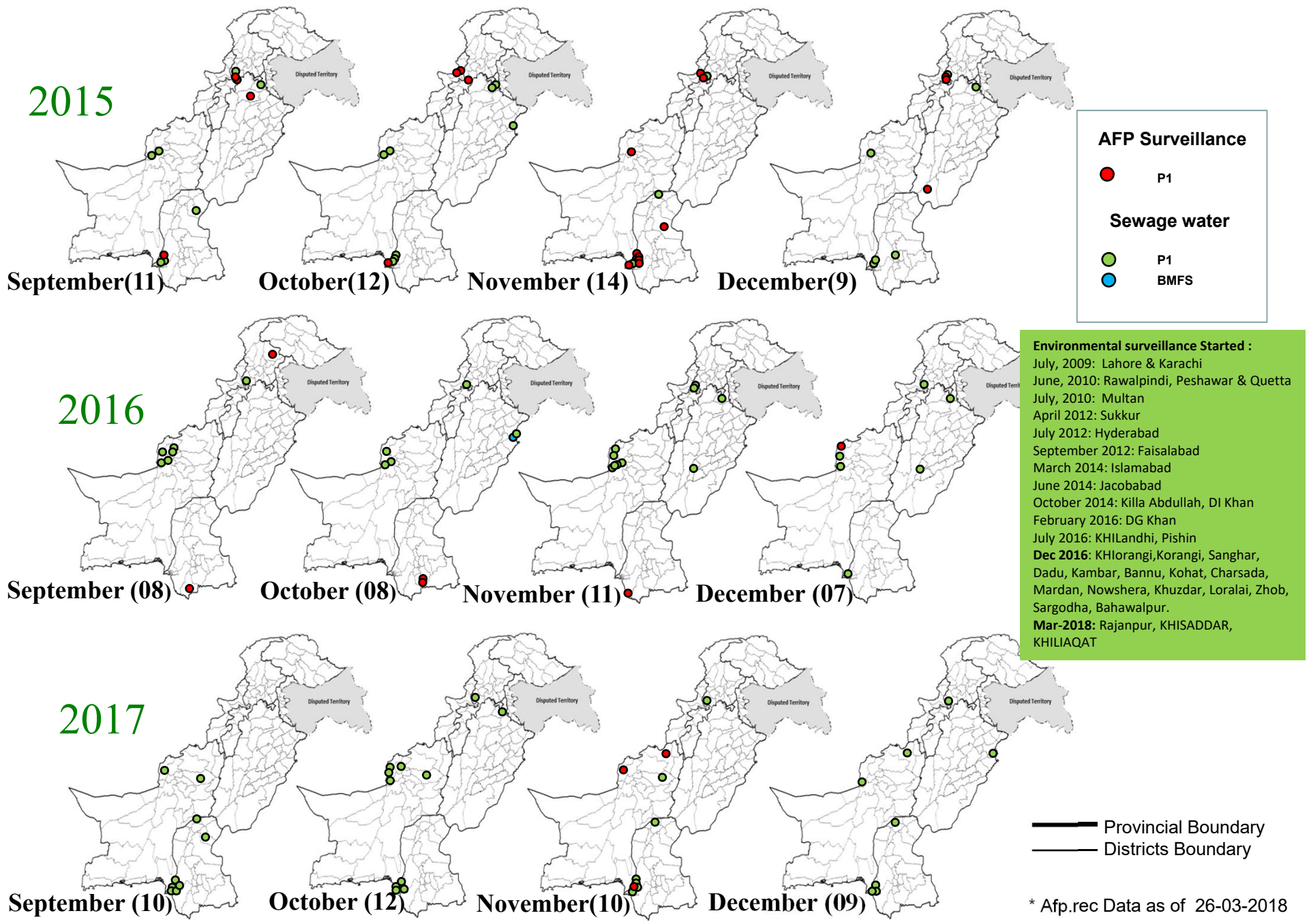
* Afp.rec Data as of 26-03-2018

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



* Afp.rec Data as of 26-03-2018

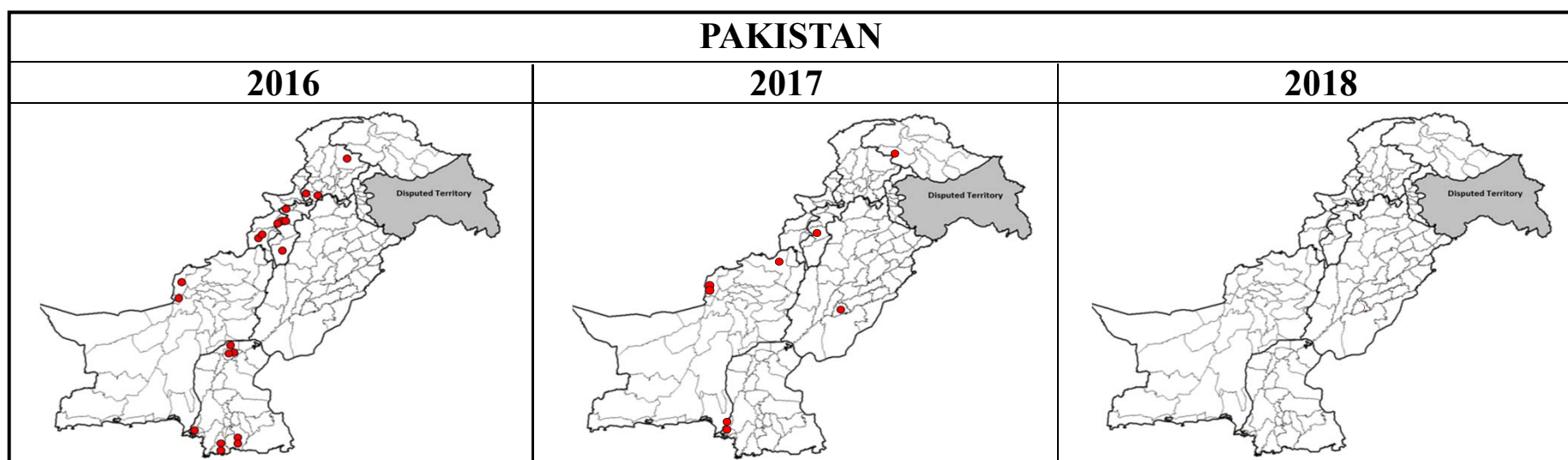
Map 4.2: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 26-03-2018

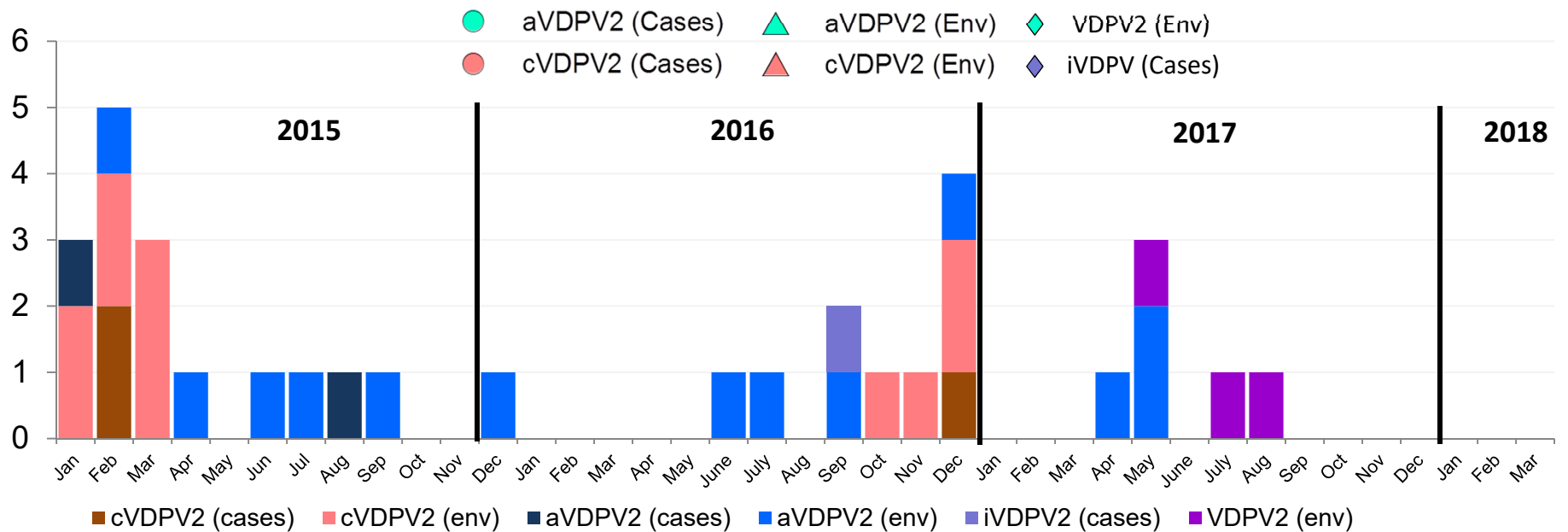
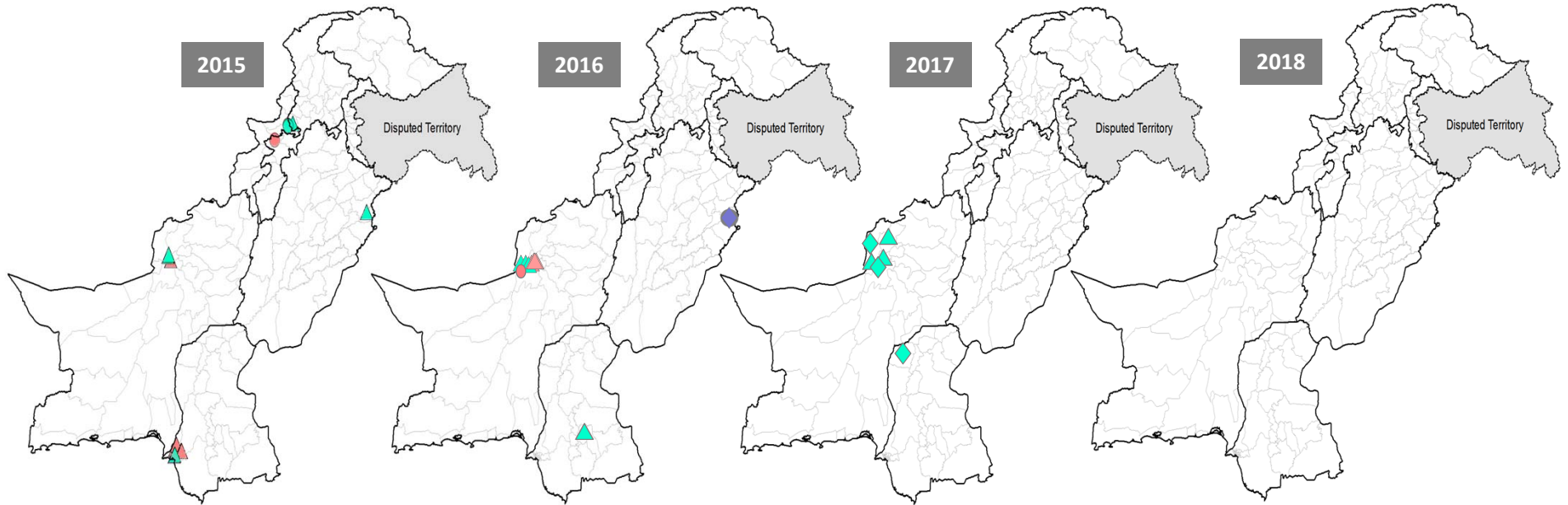
Table 5: Polio Eradication Update, Pakistan 2015-2018*

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	-
AJK	-	-	-	-
Gilgit-Baltistan	-	-	01	-
ISLAMABAD	-	-	-	-
PAKISTAN	54	20	08	0



* Afp.rec Data as of 26-03-2018

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



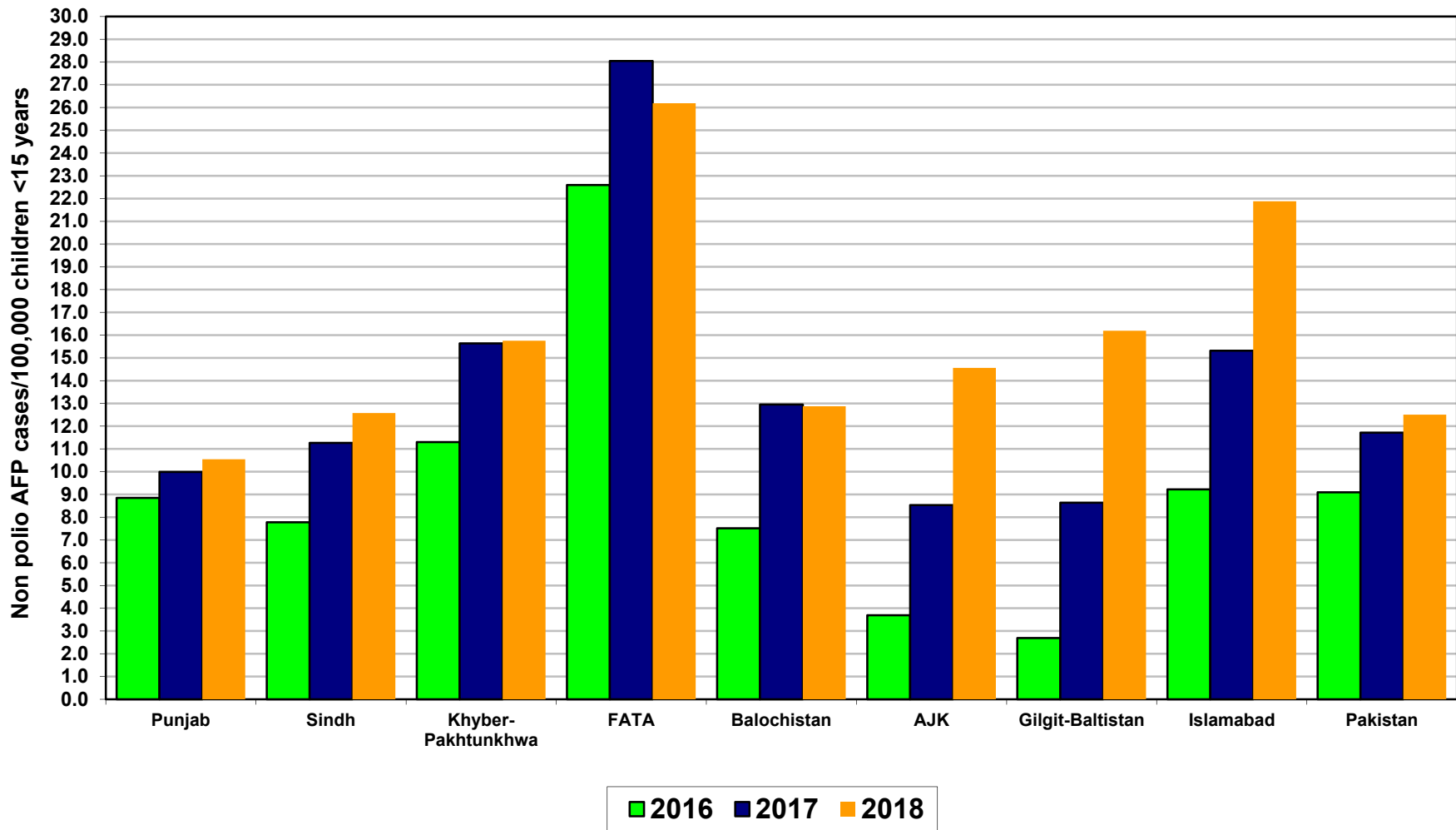
* Afp.rec Data as of 26-03-2018

Table 6: Vaccination status of non polio AFP cases age 6-59 months 2015-2017*

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%	98%
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%	95%
PUNJAB	0%	0%	0%	0%	0%	1%	0%	1%	2%	2%	2%	1%	97%	97%	97%
Karachi	0%	1%	0%	1%	1%	0%	1%	1%	3%	5%	7%	5%	93%	91%	91%
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%
SINDH	0%	0%	0%	1%	0%	0%	1%	0%	1%	5%	4%	2%	93%	95%	96%
Central Khyber Pakhtunkhwa	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	3%	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%
Khyber Pakhtunkhwa	0%	0%	0%	1%	1%	0%	0%	1%	0%	1%	3%	2%	97%	95%	98%
FATA	0%	0%	0%	2%	0%	1%	1%	1%	0%	10%	8%	6%	88%	91%	93%
Rest of Balochistan	7%	3%	0%	7%	9%	8%	2%	4%	0%	23%	13%	23%	62%	71%	69%
North Balochistan	0%	4%	0%	3%	6%	17%	3%	2%	0%	10%	10%	17%	83%	78%	67%
Quetta Block	1%	0%	4%	1%	1%	0%	4%	0%	0%	10%	7%	0%	83%	92%	96%
BALUCHISTAN	2%	2%	1%	3%	4%	4%	3%	3%	0%	13%	10%	13%	80%	82%	81%
PAKISTAN	0%	0%	0%	1%	1%	1%	1%	1%	1%	4%	4%	2%	95%	95%	96%

* Afp.rec Data as of 26-03-2018

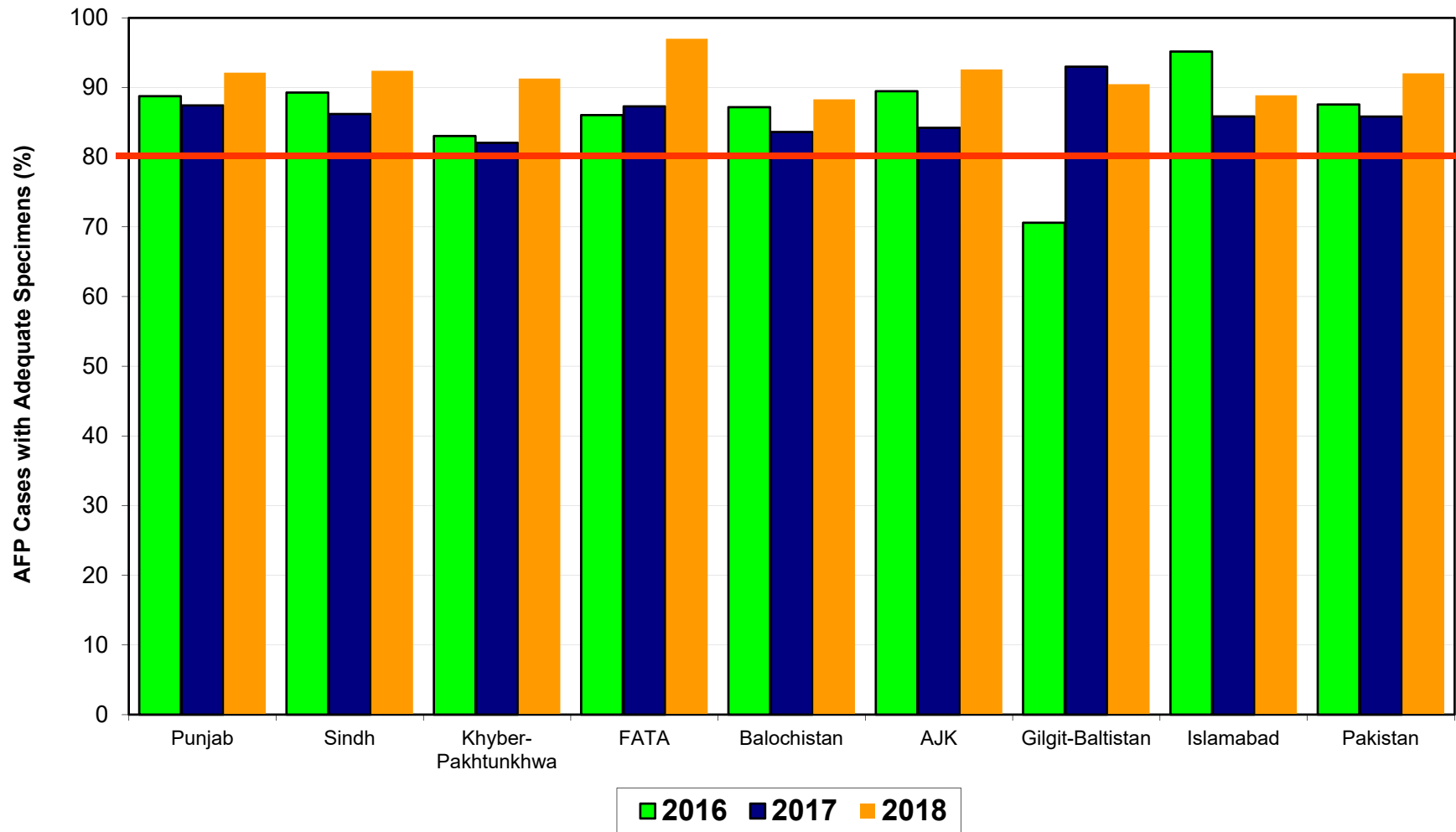
Non Polio AFP Rate By Province/Regions, 2016-2018*



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 26-03-2018

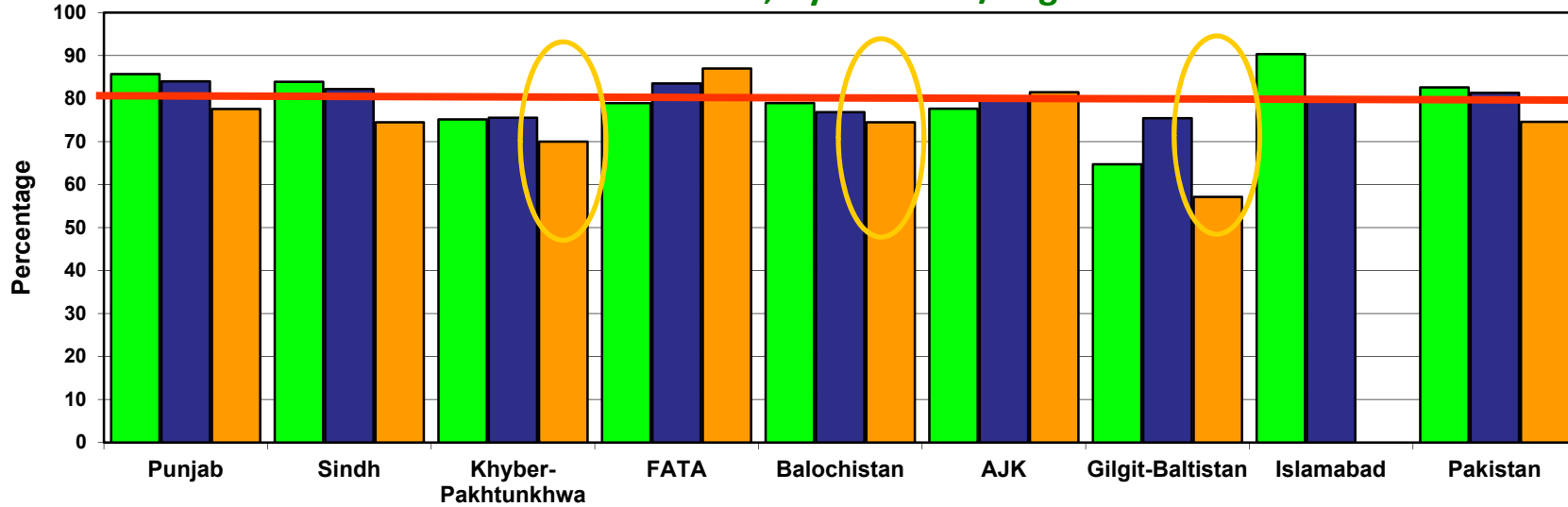
Percent AFP Cases with Adequate Specimens By Province/Regions, 2016-2018*



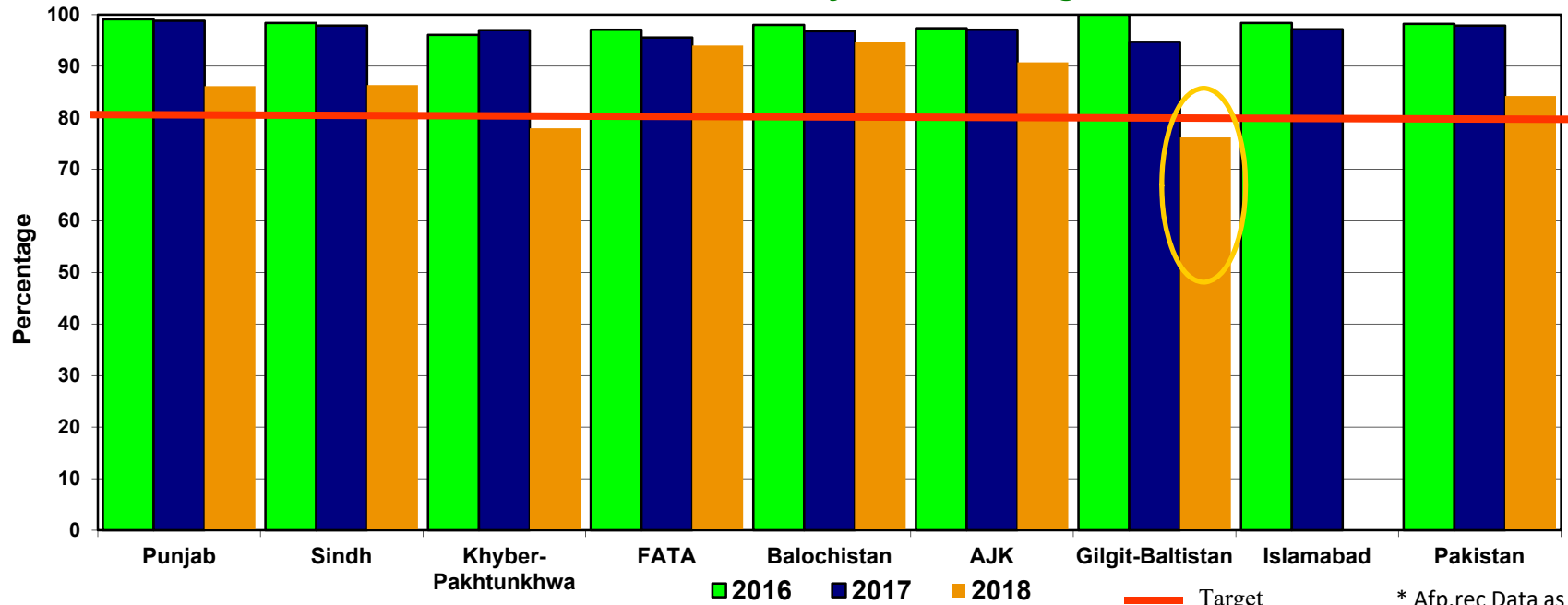
* Afp.rec Data as of 26-03-2018

— 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**

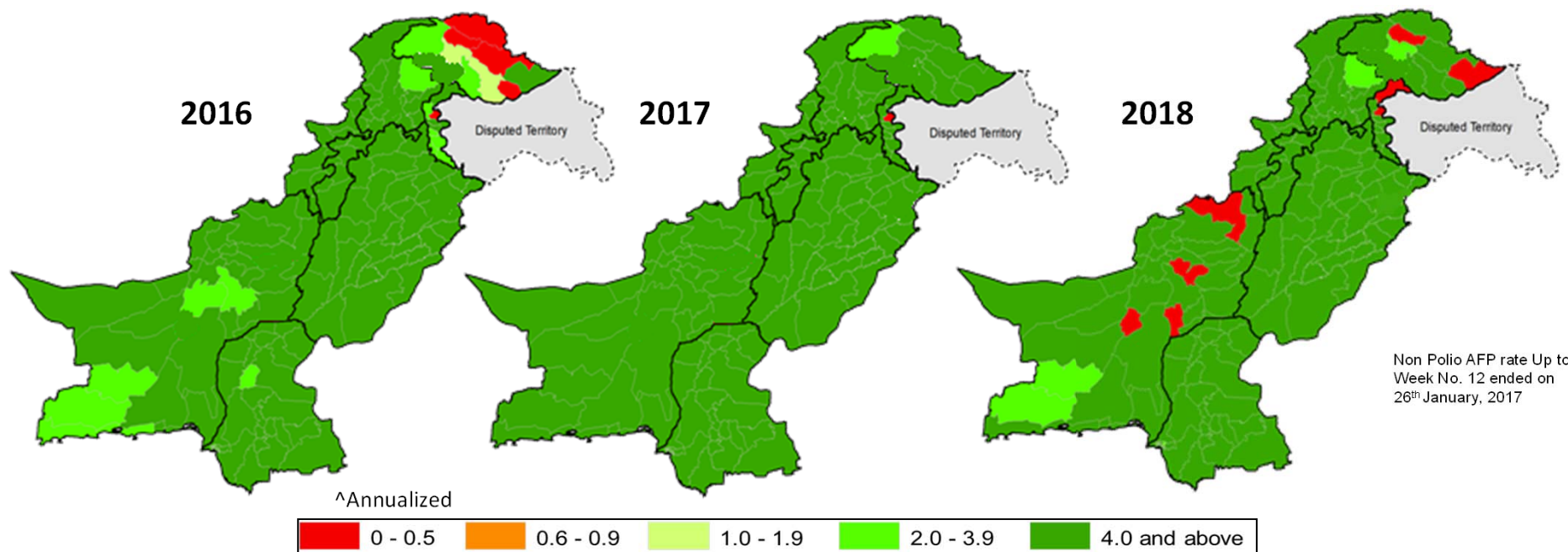


■ 2016 ■ 2017 ■ 2018

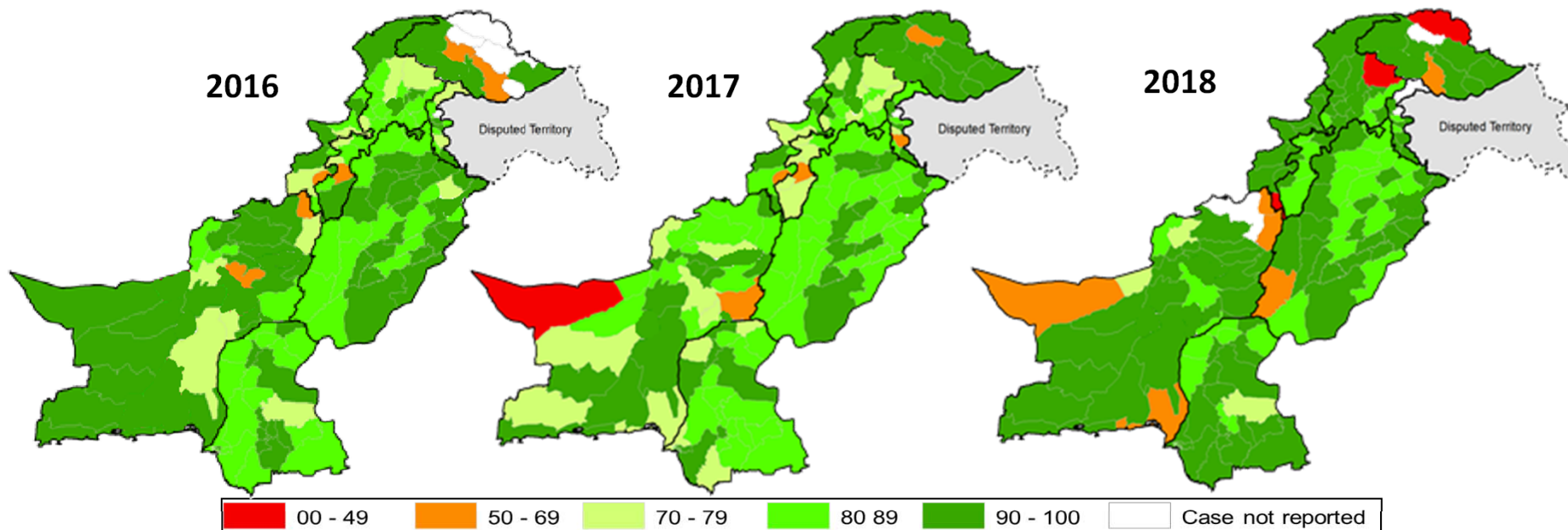
— Target

* Afp.rec Data as of 26-03-2018

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		195
2	DIRUPPER	DIRUPPER	KP/25/17/801	M	9	13-12-17	7+	LATE NOTIFIED			UK	UK	UK		103
3	FAISALABAD	FAISALABAD	PB/51/17/237	F	2	01-12-17	7+	DIED BEFORE STOOL			UK	UK	UK	DIED	115
4	KARAK	KARAK	KP/51/17/800	M	144	20-11-17	7+	LATE NOTIFIED			UK	UK	UK		126
5	LAHORE	LAHORE	PB/31/17/278	M	24	10-12-17	7+	27-12-17	28-12-17	NVI	Y	N	N	Y	106
6	MALAKAND	MALAKAND	PB/20/17/042	M	19	07-09-17	7+	LATE NOTIFIED			UK	UK	UK		200
7	MBDIN	MBDIN	PB/24/17/052	F	60	25-08-17	7+	LATE NOTIFIED			Y	N	N	Y	213
8	NAROWAL	NAROWAL	PB/26/17/059	M	35	04-12-17	7+	21-12-17	24-12-17	NVI	UK	UK	UK	Y	112
9	SHEIKHUPURA	SHEIKHUPURA	PB/33/17/115	F	21	21-12-17	7+	21-01-18	23-01-18	NVI	UK	UK	UK	Y	95
10	SKARDU	SKARDU	GB/21/17/003	M	72	04-01-17	7+	17-05-17		NVI	UK	UK	UK		446
11	ATTOCK	FATEH JANG	PB/12/17/060	M	86	04-10-17	7+				UK	UK	UK	Y	173
12	CHAKWAL	KALLAR KAHAR	PB/13/17/063	F	145	06-11-17	7+				N	N	Y	Y	140
13	DGKHAN	DG KHAN	PB/81/17/178	M	20	09-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	229
14	DGKHAN	DG KHAN	PB/81/17/218	M	120	20-12-17	7+	LATE NOTIFIED			Y	N	Y		96
15	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3				Y	Y	UK	Y	307
16	FAISALABAD	FSD SADAR	PB/51/17/201	F	20	22-07-17	7+				N	Y	UK	Y	247
17	FAISALABAD	SAMUNDRI	PB/51/17/208	F	30	10-09-17	7+	10-10-17	11-10-17	NVI	Y	N	N		197
18	FAISALABAD	FSD SADAR	PB/51/17/209	M	11	04-08-17	7+				N	Y	Y	Y	234
19	FAISALABAD	FSD SADAR	PB/51/17/247	F	60	22-12-17	7+	LATE NOTIFIED			N	Y	Y		94
20	GUJRANWALA	N.VIRKAN TOWN	PB/21/17/192	M	120	15-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	223
21	HAFIZABAD	HAFIZABAD	PB/22/17/083	M	54	20-12-17	7+				N	Y	Y	Y	96
22	JHANG	JHANG	PB/53/17/069	F	60	07-08-17	7+	24-08-17	26-08-17	EV	Y	Y	Y	Y	231
23	JHANG	18-HAZARI	PB/53/17/082	M	168	29-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	209
24	JHANG	SHORKOT	PB/53/17/086	M	17	30-06-17	7+	LATE NOTIFIED			Y	Y	Y	Y	269
25	JHANG	JHANG	PB/53/17/076	F	900	26-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	181
26	JHANG	SHORKOT	PB/53/17/087	M	96	19-10-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	158
27	KASUR	PATTOKI	PB/32/17/087	M	148	28-07-17	7+	LATE NOTIFIED			Y	N	Y	Y	241
28	KASUR	PATTOKI	PB/32/17/090	M	14	10-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	259
29	KASUR	PATTOKI	PB/32/17/109	M	48	20-12-17	7+	11-01-18	13-01-18	NVI	N	N	Y	Y	96
30	KASUR	PATTOKI	PB/32/17/106	F	96	19-12-17	7+	07-01-18	08-01-18	NVI	Y	Y	Y		97
31	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	236
32	KHANEWAL	JAHANIAN	PB/62/17/091	F	46	25-10-17	7+	26-11-17	27-11-17	NVI	N	N	Y		152
33	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	240
34	LAHORE	SAMANABAD TOWN	PB/31/17/154	F	83	03-07-17	7+	DIED BEFORE STOOL			Y	N	N	DIED	266
35	LAHORE	DATA GUNJBUX TOWN	PB/31/17/230	M	15	11-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	227
36	LAHORE	NISHTER TOWN	PB/31/17/271	M	20	01-10-17	7+	LATE NOTIFIED			Y	Y	Y	Y	176
37	LAHORE	RAVI TOWN	PB/31/17/264	F	144	13-12-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	103
38	LAHORE	WAHGA TOWN	PB/31/17/275	M	4	21-10-17	7+	20-12-17	21-12-17	NVI	Y	N	Y	Y	156
39	LAHORE	DATA GUNJBUX TOWN	PB/31/17/276	M	84	20-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	218
40	LAHORE	ALLAMA IQBAL TOWN	PB/31/17/273	F	60	16-12-17	7+	LATE NOTIFIED			N	N	Y		100
41	LAHORE	AZIZ BHATTI TOWN	PB/31/17/290	F	23	15-12-17	7+	27-01-18	29-01-18	NVI	Y	Y	Y		101
42	LAYYAH	KAROR LAL ESAN	PB/84/17/181	M	8	30-11-17	7+	LATE NOTIFIED			Y	Y	Y		116

* Afp.rec Data as of 26-03-2018

€ 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	LODHRAN	KAHROR PAKKA	PB/64/17/072	M	144	13-12-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	103
44	MIANWALI	EISAKHAIL	PB/43/17/044	M	120	13-07-17	7+	28-07-17	29-07-17	EV	Y	N	Y		256
45	MIANWALI	MIANWALI	PB/43/17/056	F	55	06-08-17	7+	LATE NOTIFIED			Y	N	N	Y	232
46	MIANWALI	MIANWALI	PB/43/17/074	F	48	14-11-17	6	LATE NOTIFIED			Y	Y	Y	Y	132
47	MULTAN	MULTAN URBAN	PB/61/17/103	F	42	08-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	230
48	MULTAN	MULTAN URBAN	PB/61/17/148	M	30	21-11-17	7+	19-12-17	20-12-17	EV	Y	Y	Y	Y	125
49	MULTAN	MULTAN URBAN	PB/61/17/152	M	84	19-12-17	7+	LATE NOTIFIED			Y	N	Y		97
50	MUZFARGARH	ALIPUR	PB/83/17/199	M	21	12-09-17	7+	27-09-17	29-09-17	NVI	Y	Y	Y	Y	195
51	MUZFARGARH	MUZAFFARGARH	PB/83/17/224	M	25	26-10-17	7+	03-11-17	02-12-17	NVI	Y	N	Y	Y	151
52	MUZFARGARH	MUZAFFARGARH	PB/83/17/234	M	48	13-11-17	7+	DIED BEFORE STOOL			Y	UK	Y	DIED	133
53	MUZFARGARH	KOT ADU	PB/83/17/278	M	144	18-12-17	7+	LATE NOTIFIED			Y	N	Y		98
54	MUZFARGARH	ALIPUR	PB/83/17/285	F	36	12-11-17	7+	LATE NOTIFIED			Y	Y	Y		134
55	NANKANASAHIB	NANKANA SAHIB	PB/35/17/063	M	19	04-09-17	7+	29-09-17	01-10-17	NVI	Y	Y	Y	Y	203
56	NANKANASAHIB	SANGLA HILL	PB/35/17/070	F	15	15-09-17	7+	25-10-17	27-10-17	EV	Y	Y	Y	Y	192
57	OKARA	RENALA KHURD	PB/34/17/104	F	22	29-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	209
58	OKARA	OKARA	PB/34/17/275	M	4	21-10-17	6	LATE NOTIFIED			Y	N	Y		156
59	OKARA	OKARA	PB/34/17/276	M	96	22-12-17	7+	LATE NOTIFIED			N	Y	Y		94
60	OKARA	DEPALPUR	PB/34/17/277	F	30	10-12-17	7+	LATE NOTIFIED			Y	Y	Y		106
61	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	347
62	RAJANPUR	ROJHAN	PB/82/17/131	F	30	15-11-17	7+	LATE NOTIFIED			Y	Y	Y		131
63	RAJANPUR	JAM PUR	PB/82/17/143	M	18	21-11-17	7+	03-01-18	04-01-18	NVI	Y	N	Y	DIED	125
64	RAJANPUR	RAJAN PUR	PB/82/17/144	M	66	24-12-17	7+	LATE NOTIFIED			N	N	Y		92
65	RAJANPUR	RAJAN PUR	PB/82/17/141	M	66	24-12-17	7+	07-01-18	08-01-18	NVI	N	N	Y	Y	92
66	RAWALPINDI	RWP CITY	PB/11/17/166	F	42	08-09-17	7+	29-09-17	30-09-17	EV	Y	N	UK	Y	199
67	RAWALPINDI	RWP RURAL	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	234
68	RAWALPINDI	RWP RURAL	PB/11/17/183	M	156	02-10-17	7+	21-10-17	22-10-17	NVI	Y	Y	Y	Y	175
69	SAHIWAL	SAHIWAL	PB/65/17/078	M	36	21-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y	Y	217
70	SARGODHA	SHAHPUR	PB/41/17/114	M	23	02-12-17	7+	11-12-17	11-12-17	NVI	N	Y	Y	Y	114
71	SARGODHA	KOT MOMIN	PB/41/17/123	M	168	07-12-17	7+	LATE NOTIFIED			UK	UK	N	Y	109
72	SARGODHA	SARGODHA	PB/41/17/132	F	19	22-12-17	7+	09-02-18	10-02-18	NVI	Y	Y	Y		94
73	SHEIKHUPURA	SHEIKHUPURA	PB/33/17/087	M	114	15-09-17	7+	19-10-17	21-10-17	NVI	N	Y	UK	Y	192
74	SHEIKHUPURA	MURIDKE	PB/33/17/095	M	60	16-11-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	130
75	TTSINGH	PIR MAHAL	PB/52/17/115	M	32	10-10-17	7+	10-11-17	11-11-17	NVI	Y	Y	Y	Y	167
76	TTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	230
77	TTSINGH	PIR MAHAL	PB/52/17/111	M	21	06-10-17	7+	25-10-17	26-10-17	NVI	Y	Y	Y	Y	171
78	VEHARI	VEHARI	PB/63/17/057	F	24	11-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	196
79	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+	LATE NOTIFIED			N	N	N	Y	282
80	BADIN	BADIN	SD/23/17/069	F	48	05-12-17	7+	27-12-17	28-12-17	NVI	Y	Y	Y		111
81	GHOTKI	UBAURO	SD/42/17/110	F	30	24-12-17	7+	18-01-18	19-01-18	EV	Y	Y	Y	Y	92
82	JAMSHORO	KOTRI	SD/25/17/053	F	48	20-11-17	7+	24-12-17	25-12-17	VACC	N	N	Y		126
83	MATIARI	MATIARI	SD/28/17/046	M	108	21-12-17	7+	26-12-17		NVI	N	N	Y	DIED	95
84	THARPARKAR	NANGARPARKAR	SD/33/17/063	M	144	07-12-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	109

* Afp.rec Data as of 26-03-2018

€ 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	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
85	ABOTABAD	HAWALLIAN	KP/10/17/066	F	7	10-12-17	7+	LATE NOTIFIED			Y	Y	Y	Y	106
86	ABOTABAD	HAWALLIAN	KP/10/17/073	M	108	01-12-17	7+	LATE NOTIFIED			N	N	Y	Y	115
87	BUNER	DAGGAR	KP/22/17/049	M	28	20-09-17	7+	LATE NOTIFIED			Y	N	Y	Y	187
88	DIKHAN	DRABAN	KP/60/17/055	F	24	23-12-17	7+	12-01-18	13-01-18	NVI	Y	N	Y	Y	93
89	HARIPUR	GHAZI	KP/12/17/049	F	123	09-10-17	7+	LATE NOTIFIED			Y	Y	N	Y	168
90	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	0	LATE NOTIFIED			N	Y	Y	Y	263
91	KARAK	KARAK	KP/51/17/092	M	26	27-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	211
92	KARAK	KARAK	KP/51/17/093	M	26	20-10-17	7+	LATE NOTIFIED			N	Y	Y	Y	157
93	KOHAT	KOHAT	KP/50/17/039	F	13	25-09-17	7+	LATE NOTIFIED			N	Y	Y	Y	182
94	KOHAT	KOHAT	KP/50/17/054	M	72	28-10-17	3	LATE NOTIFIED			Y	N	N	Y	149
95	LAKKIMRWT	SERAI NAURANG	KP/62/17/052	M	36	18-08-17	1	LATE NOTIFIED			Y	Y	Y	Y	220
96	LAKKIMRWT	LAKKI MARWAT	KP/62/17/081	M	27	21-12-17	7+	LATE NOTIFIED			Y	Y	N	Y	95
97	MARDAN	TAKHT BAH	KP/40/17/221	F	15	15-12-17	7+	LATE NOTIFIED			N	Y	Y	Y	101
98	MARDAN	MARDAN	KP/40/17/230	M	15	02-12-17	7+	LATE NOTIFIED			Y	Y	UK	Y	114
99	NOWSHERA	NOWSHERA	KP/32/17/082	F	6	08-12-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	108
100	PESHAWAR	PESHAWAR	KP/30/17/281	M	4	22-12-17	5	08-02-18	13-02-18	NVI	N	Y	N	Y	94
101	PESHAWAR	PESHAWAR	KP/30/17/282	F	144	13-12-17	7+	09-02-18	10-02-18	NVI	N	Y	Y	Y	103
102	SHANGLA	JALPURI	KP/26/17/039	F	96	03-09-17	0	DIED BEFORE STOOL			N	Y	UK	DIED	204
103	SWABI	TOPI	KP/41/17/145	M	40	01-08-17	3	LATE NOTIFIED			Y	N	UK	Y	237
104	TANK	TANK	KP/63/17/036	M	12	02-12-17	7+	LATE NOTIFIED			UK	Y	Y	Y	114
105	CHAGHAI	CHAGAI	BN/13/17/009	M	96	24-11-17	6	10-12-17	14-12-17	NVI	N	N	Y	Y	122
106	JAFARABAD	SOHBAT PUR	BN/43/17/045	M	24	10-12-17	7+	LATE NOTIFIED			N	Y	Y	Y	106
107	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3	LATE NOTIFIED			Y	N	Y	DIED	304
108	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	220
109	HAVELI	KHURSHIDABAD	AJ/51/17/006	M	60	07-08-17	7+	LATE NOTIFIED			Y	N	Y	DIED	231
110	KOTLI	KHUIRATTA	AJ/30/17/002	F	156	01-01-17	7+	LATE NOTIFIED			Y	Y	Y	Y	449
111	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	282
112	POONCH	THORAR	AJ/40/17/041	F	48	18-12-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	98
113	CDA	CDA	IB/01/17/045	M	138	20-12-17	7+	17-01-18	18-01-18	NVI	N	N	Y	Y	96
114	BAJOUR	KHAR	FT/33/17/126	M	36	25-09-17	7+	LATE NOTIFIED			Y	Y	Y	Y	182
115	FR BANNU	FR BANNU	FT/69/17/024	M	48	22-10-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	155

* Afp.rec Data as of 26-03-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.