



Weekly AFP Surveillance Update Pakistan

Week 50 (*Ended on 16th December, 2017*)

National Surveillance Cell

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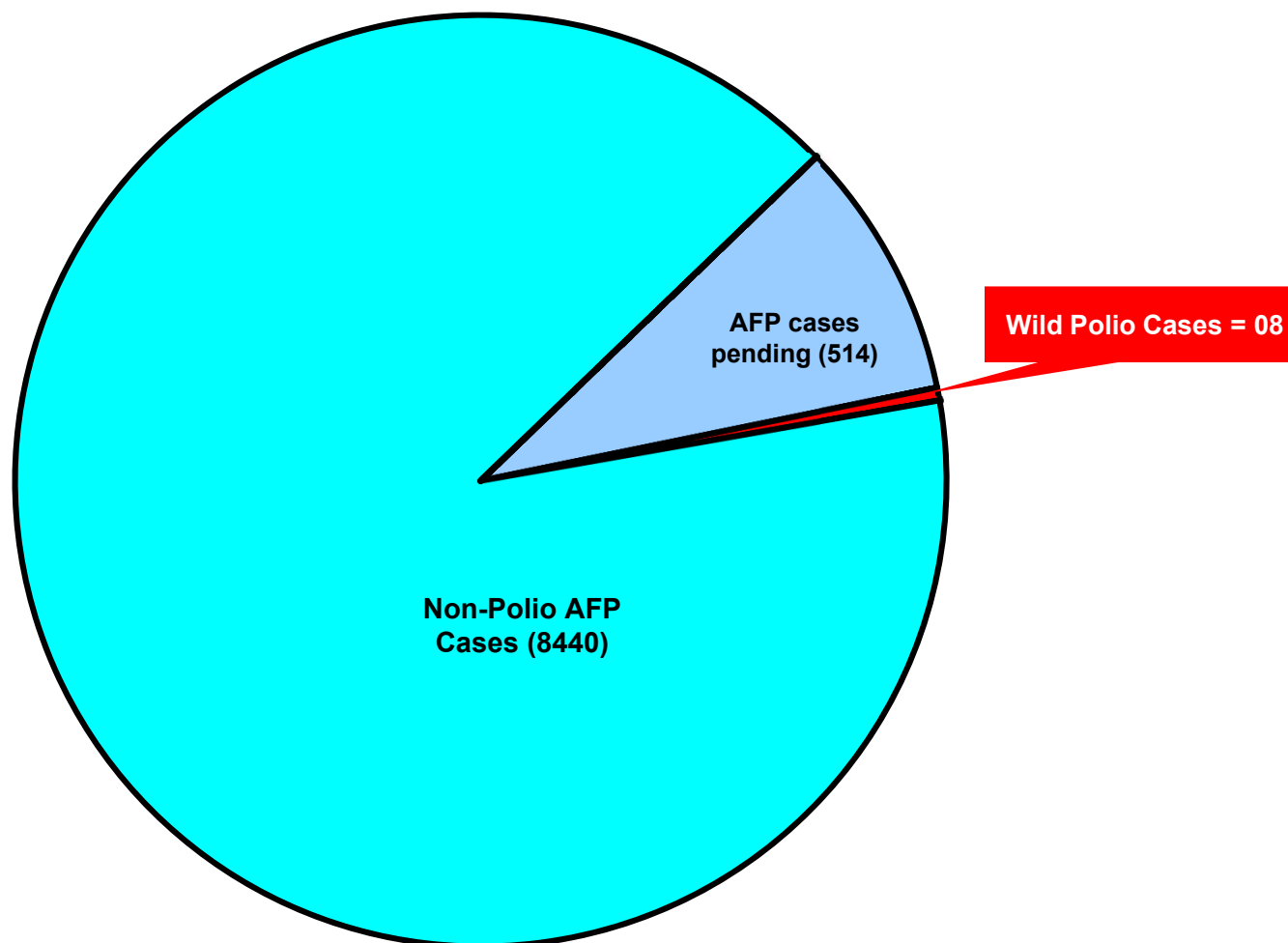
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AFP Surveillance



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

AFP Case Profile, 2017*



Total AFP Cases Reported = 8962

^ 285 Inadequate cases not due for FUP

^ 229 cases Pending in the Lab

^ 162 AFP Cases pending for classification by ERC

* Afp.rec Data as of 18-12-2017

Table 1.1: List of Confirmed Polio Cases, Pakistan 2017* (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	

New WPV Case

* Afp.rec Data as of 18-12-2017

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 (M)	Sex	Date of 1st stool	Stool Adeq	RI	SIA5	Last 6 SIA5	Last dose	Field	NSC		Lab No.	Days	Culture update	
																£			Inoc		
Isolates pending for ITSD																					
1	LAHORE *	3	ALLAMA IQBAL TOWN	UC-121	PB/31/17/253-C1		11	M	11-Dec-17	-	-	-			N	#	-	12968	5	L20B+	
Reported urgent (by field / NSC£ criteria)																					
2	LAHORE *	3	ALLAMA IQBAL TOWN	UC-121	PB/31/17/253	20-Nov-17	84	F	03-Dec-17	Y	1	7+	0		N	N	ACUTE CEREBRAL ATAXIA			UP	Index of C-1

* 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

As on 18-12-2017

Point in time comparison of Polio Cases by Province/Region 2016 - 2017*

Region/ Province	No. of polio cases		No. of infected districts/towns		Most recent polio case
	2016	2017	2016	2017	
Khyber Pakhtunkhwa	08	01	06	01	21-Aug-17
Sindh	08	02	05	02	09-Nov-17
Balochistan	01	03	01	02	15-Nov-17
G-Baltistan	0	01	0	01	13-Feb-17
Punjab	0	01	0	01	28-Jan-17
FATA / FR Areas	02	0	01	0	27-Jul -16
Pakistan	19	08	13	07	15-Nov-17

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

* Afp.rec Data as of 18-12-2017

Environmental Surveillance Results, Pakistan (last 52 weeks)

[illegible]

Table 2: LAB Update 2017*

Month of Onset	AFP Cases	No virus isolated	Cases Under Process		Isolated Viruses from stools						
			Culture	ITD	Vaccine viruses		NPEV		Wild	Results within 14 days	
			n	n	n	%	n	%	n	n	%
January	751	595	0	0	56	7	99	13%	1	750	100%
February	774	621	0	0	44	6	108	14%	1	773	100%
March	831	643	0	0	53	6	135	16%	0	831	100%
April	819	585	0	0	47	6	187	23%	0	815	100%
May	912	687	0	0	50	5	175	19%	0	900	99%
June	672	460	0	0	17	3	194	29%	1	610	91%
July	895	575	0	0	23	3	297	33%	0	895	100%
August	857	543	0	0	20	2	292	34%	2	855	100%
September	848	494	0	0	68	8	286	34%	0	848	100%
October	886	602	4	0	57	6	223	25%	0	882	100%
November	712	283	127	1	49	7	198	28%	3	530	74%
December	41	0	41	0	0	0	0	0%		0	0%
Pakistan	8998	6088	172	1	484	5	2194	24%	8	8572	95%

*Data as of 18-12-2017

Comparison of Environmental Sampling Results, 2016-17*

DISTRICT	2016					2017					Last
	TOTAL	WILD				TOTAL	WILD				
		GRAB	BMFS	TOTAL			GRAB	BMFS	TOTAL		
				n	%				n	%	
LAHORE	61	2	1	3	5%	57			0	0%	18-Oct-16
MULTAN	35	2		2	6%	33	1		1	3%	9-Jan-17
DGKHAN	33	1		1	3%	33			0	0%	12-May-16
RAWALPINDI	25	3	1	4	16%	24	6	2	8	33%	10-Oct-17
FAISALABAD	36	1	1	2	6%	21			0	0%	2-Jul-16
SARGODHA *				0		11			0	0%	
BAHAWALPUR *				0		10			0	0%	
CDA	12			0	0%	11	5		5	45%	10-Jul-17
KHIGIQBAL	25	1	1	2	8%	24	5	1	6	25%	10-Oct-17
KHIGADAP	36	4		4	11%	32	18		18	56%	12-Oct-17
KHIBALDIA	23	1		1	4%	10	1		1	10%	8-Aug-17
KHILANDHI	6	1		1	17%	11	6		6	55%	16-Nov-17
KHIKORANGI *	1			0		11	1		1	9%	16-Oct-17
KHISITE *	1			0		12	5		5	42%	4-Dec-17
SUKKUR	27	2	1	3	11%	29	1	1	2	7%	19-Sep-17
HYDERABAD	18	1		1	6%	11			0	0%	5-Jan-16
JACOBABAD	16		3	3	19%	13	2	1	3	23%	9-Nov-17
SANGHAR *				0		11			0	0%	
DADU *	1			0		11			0	0%	
KAMBAR *				0		11	1		1	9%	15-Aug-17
PESHAWAR	38	9	1	10	26%	25	5	2	7	28%	10-Nov-17
DIKHAN	46	1		1	2%	21			0	0%	16-Jul-16
BANNU *				0		10			0	0%	
KOHAT *				0		10			0	0%	
CHARSADA *	1			0		11			0	0%	
MARDAN *	1			0		11			0	0%	
NOWSHERA *				0		11			0	0%	
KABDULAH	24	6		6	25%	22	13		13	59%	15-Oct-17
QUETTA	56	14		14	25%	44	10	1	11	25%	12-Oct-17
PISHIN	8	4		4	50%	11	5		5	45%	2-Oct-17
KHUZDAR *				0		11			0	0%	
LORALAI *	1			0		11	3		3	27%	17-Nov-17
ZHOB *	1			0		10			0	0%	
PAKISTAN	532	53	9	62	12%	594	88	8	96	16%	4-Dec-17

* New addition in Env Surveillance Network **2017 – 44 Environmental samples are under process)**

New Env Positive Sample

* Data as of December 18, 2017

WPV and cVDPV Cases by District in 2017

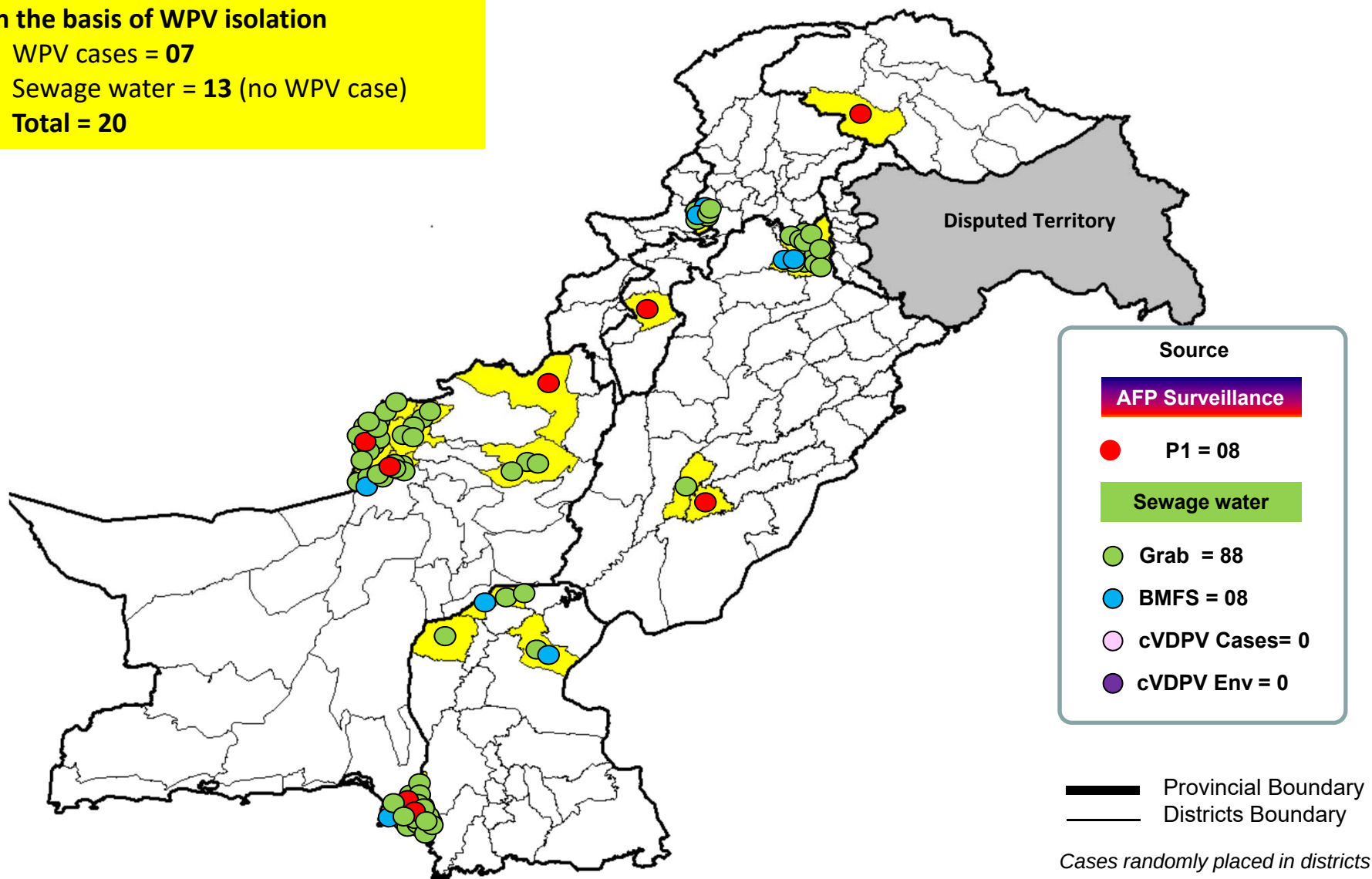
PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KPAKHTUNKHWA	LAKKIMRWT	21-Aug	1		
Total		21-Aug	01		
SINDH	KHIGADAP	09-Nov	1		
	KHIGIQBAL	11-Aug	1		
Total		09-Nov	02		
BALOCHISTAN	ZHOB	15-Nov	1		
	KABDULAH	11-June	1		
	KABDULAH	13-Nov	1		
Total		15-Nov	03		
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*

Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

- WPV cases = **07**
- Sewage water = **13** (no WPV case)
- **Total = 20**

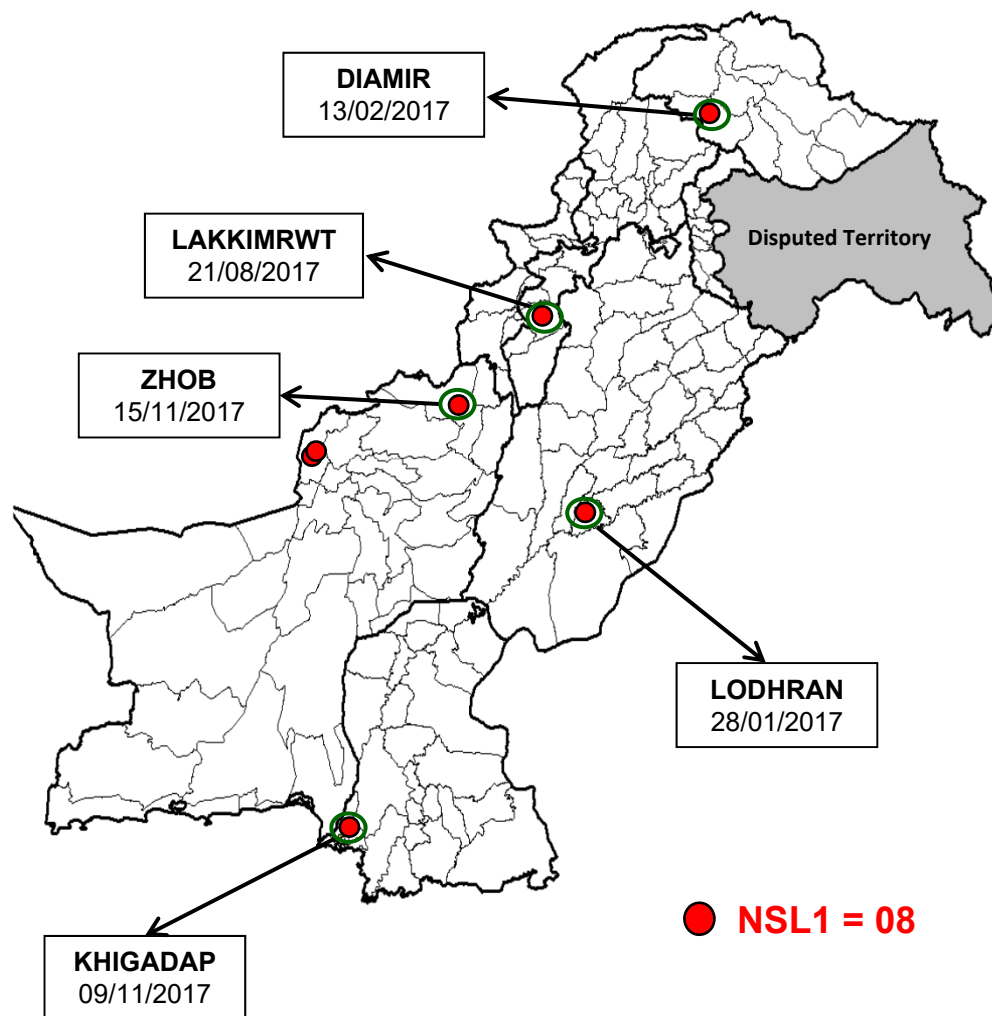


Cases randomly placed in districts

* Afp.rec Data as of 18-12-2017

Map1: Distribution of Wild Polio Cases Pakistan 2017*

Districts/Towns with Wild Polio Cases = 08



Province/ Country	Date of Last Case		Number of cases 2017	
	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

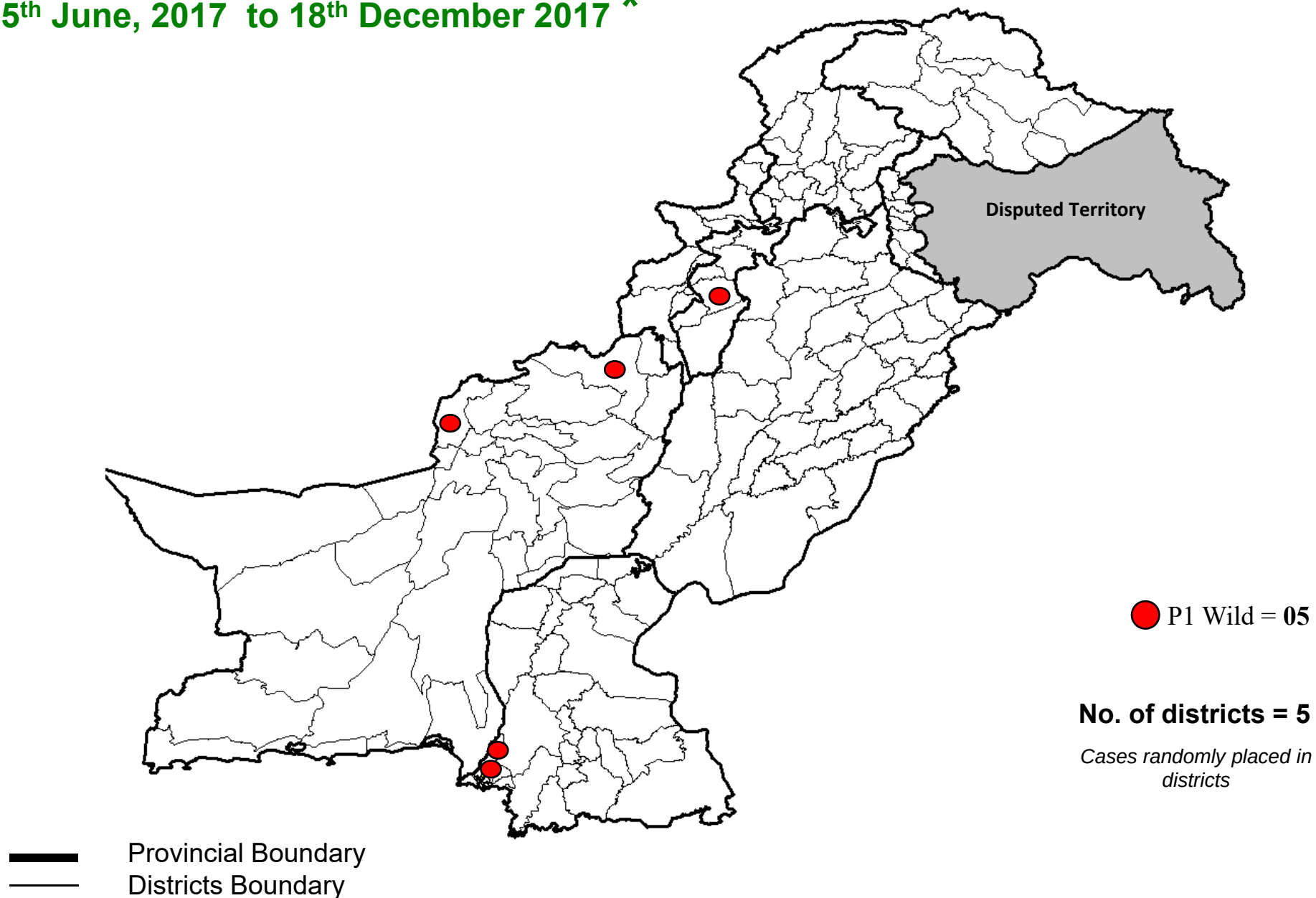
— Provincial Boundary
— Districts Boundary

Cases randomly placed in districts

* Afp.rec Data as of 18-12-2017

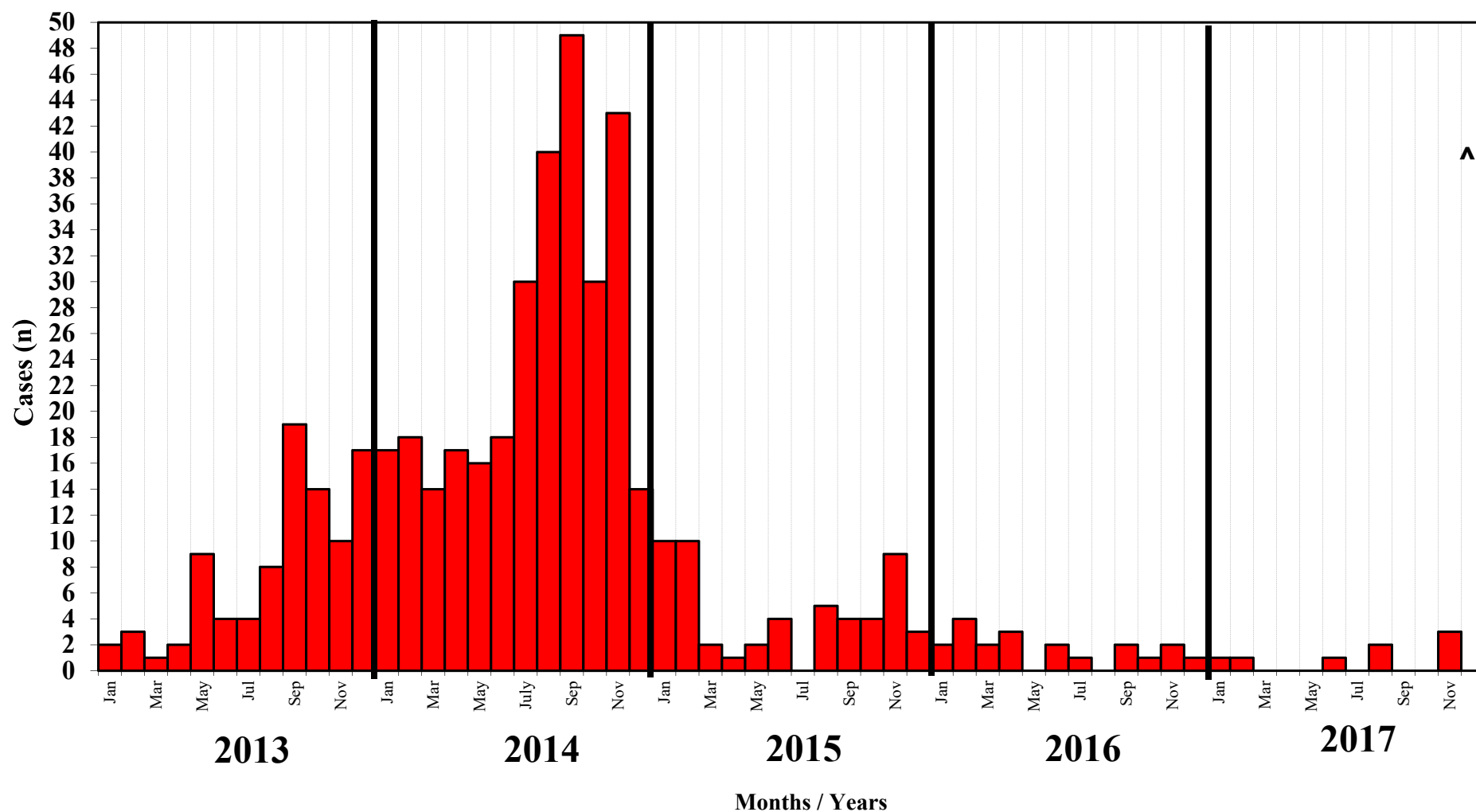
Map 3: Wild Polio cases in the last 6 months

5th June, 2017 to 18th December 2017 *



* Afp.rec Data as of 18-12-2017

Confirmed Polio Cases 2013-2017*

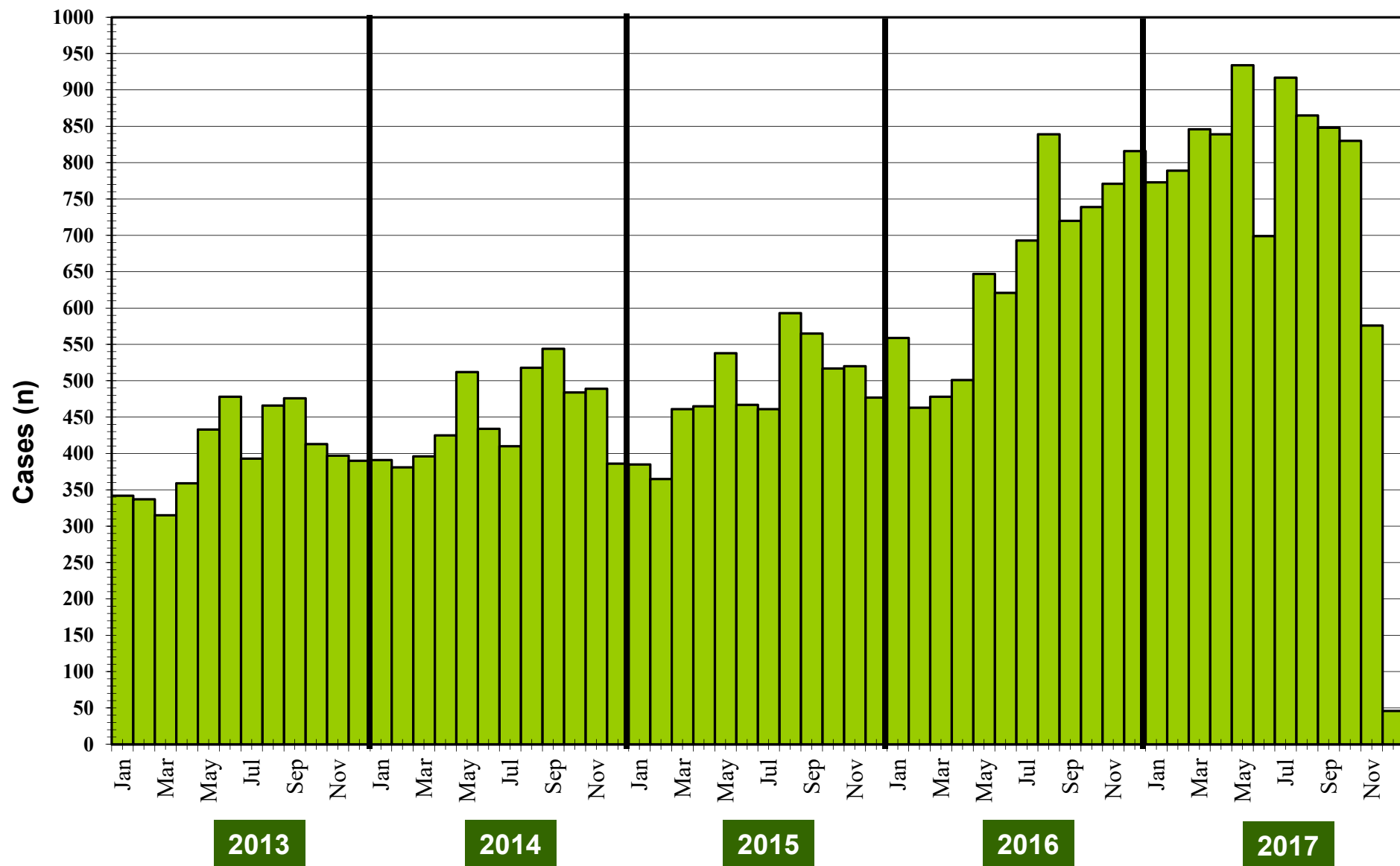


* Afp.rec Data as of 18-12-2017

NSL1

^ Data incomplete

Graph 1: Distribution of AFP Cases by Month, Pakistan 2013-2017*



* Afp.rec Data as of 18-12-2017

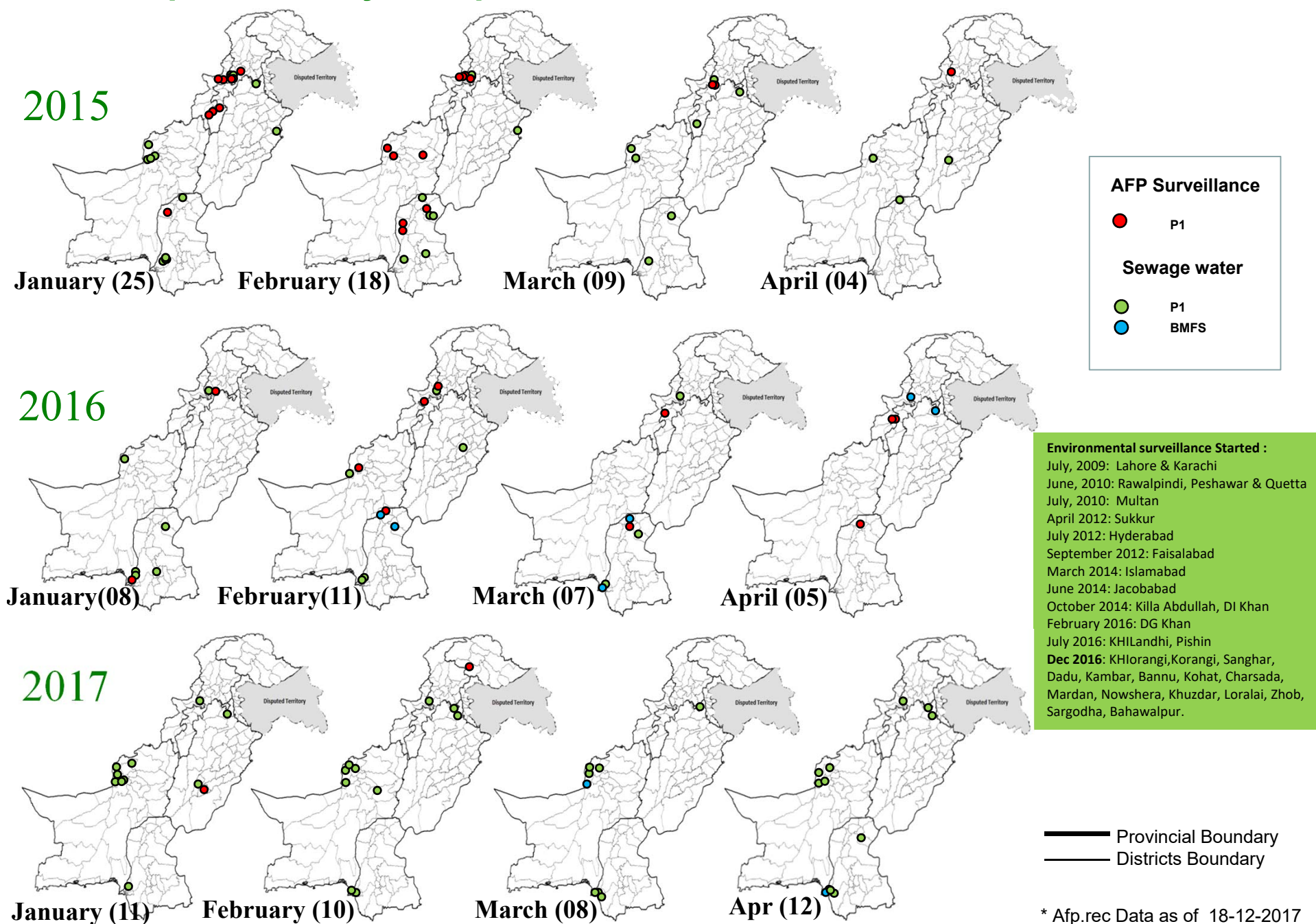
**Table 4: Distribution of AFP Cases By Week of Onset ^
Pakistan- 2017* [Week number / Ending on]**

PROVINCE	W 35 02 Sep 2017	W 36 09 Sep 2017	W 37 16 Sep 2017	W 38 23 Sep 2017	W 39 30 Sep 2017	W 40 07 Oct 2017	W 41 14 Oct 2017	W 42 21 Oct 2017	W 43 28 Oct 2017	W 44 04 Nov 2017	W 45 11 Nov 2017	W 46 18 Nov 2017	W 47 25 Nov 2017	W 48 03 Dec 2017	W 49 09 Dec 2017
PUNJAB	76	84	77	71	78	79	71	82	69	54	59	79	52	41	10
SINDH	24	46	43	51	27	62	38	38	49	48	33	54	42	16	6
FATA	11	7	21	19	11	14	12	11	9	8	9	14	12	5	1
BALUCHISTAN	10	14	18	14	14	14	8	11	12	7	8	9	4	0	0
AJK	2	4	3	2	5	8	5	8	3	5	4	4	1	4	0
GILGIT BILTISTAN	0	1	5	2	2	1	4	0	1	0	0	2	1	1	1
ISLAMABAD	2	5	2	2	0	4	5	3	3	2	4	0	1	0	0
KPAKHTUNKHWA	38	54	56	47	47	54	45	47	53	56	37	35	36	15	7
PAKISTAN	163	215	225	208	184	236	188	200	199	180	154	197	149	82	25

* Afp.rec & Afplab.rec: Data as of 18-12-2017

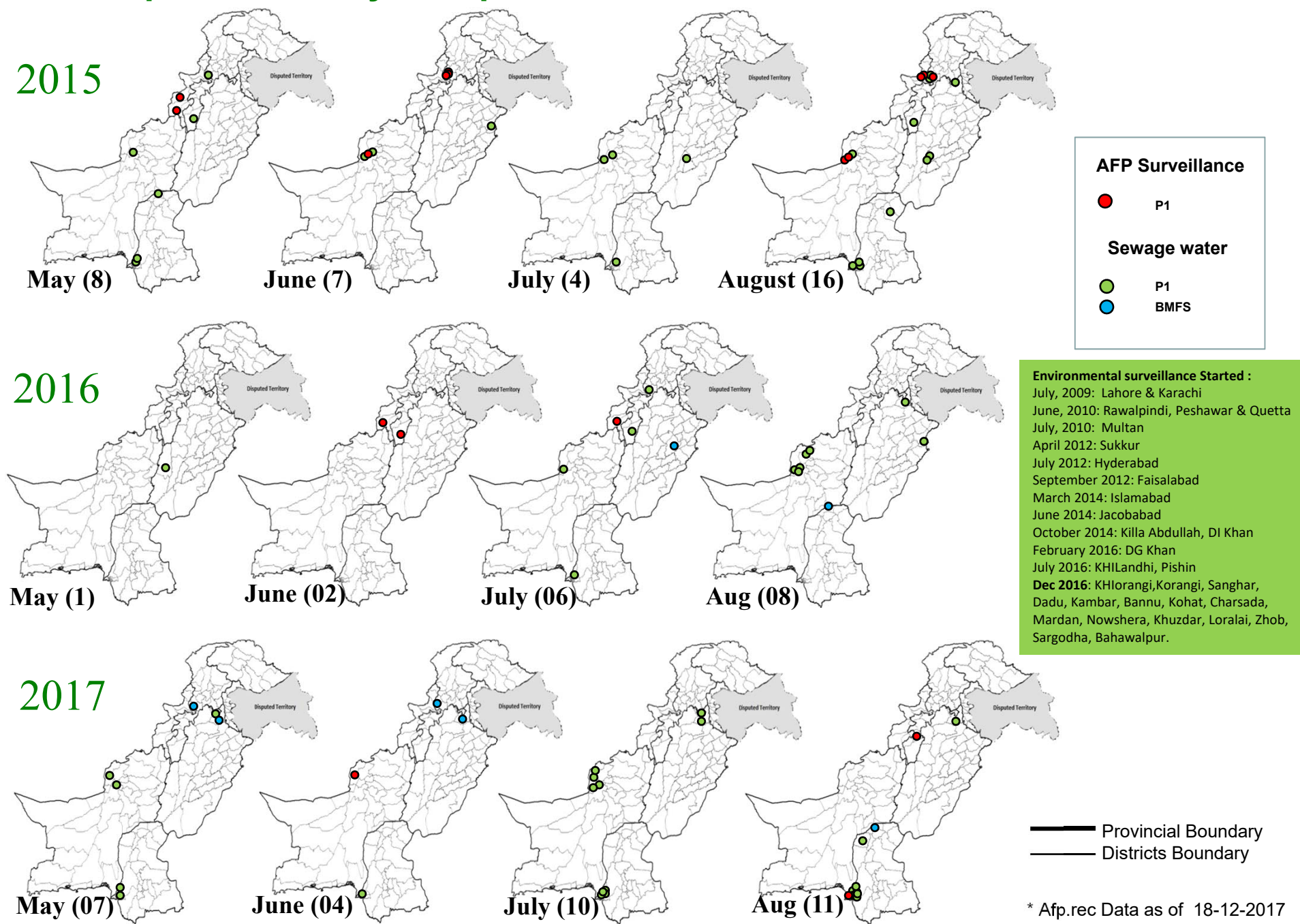
^ MMWR Epidemiological Weeks

Map 4: Monthly Comparison of Polio Cases/Isolates 2015-2017*



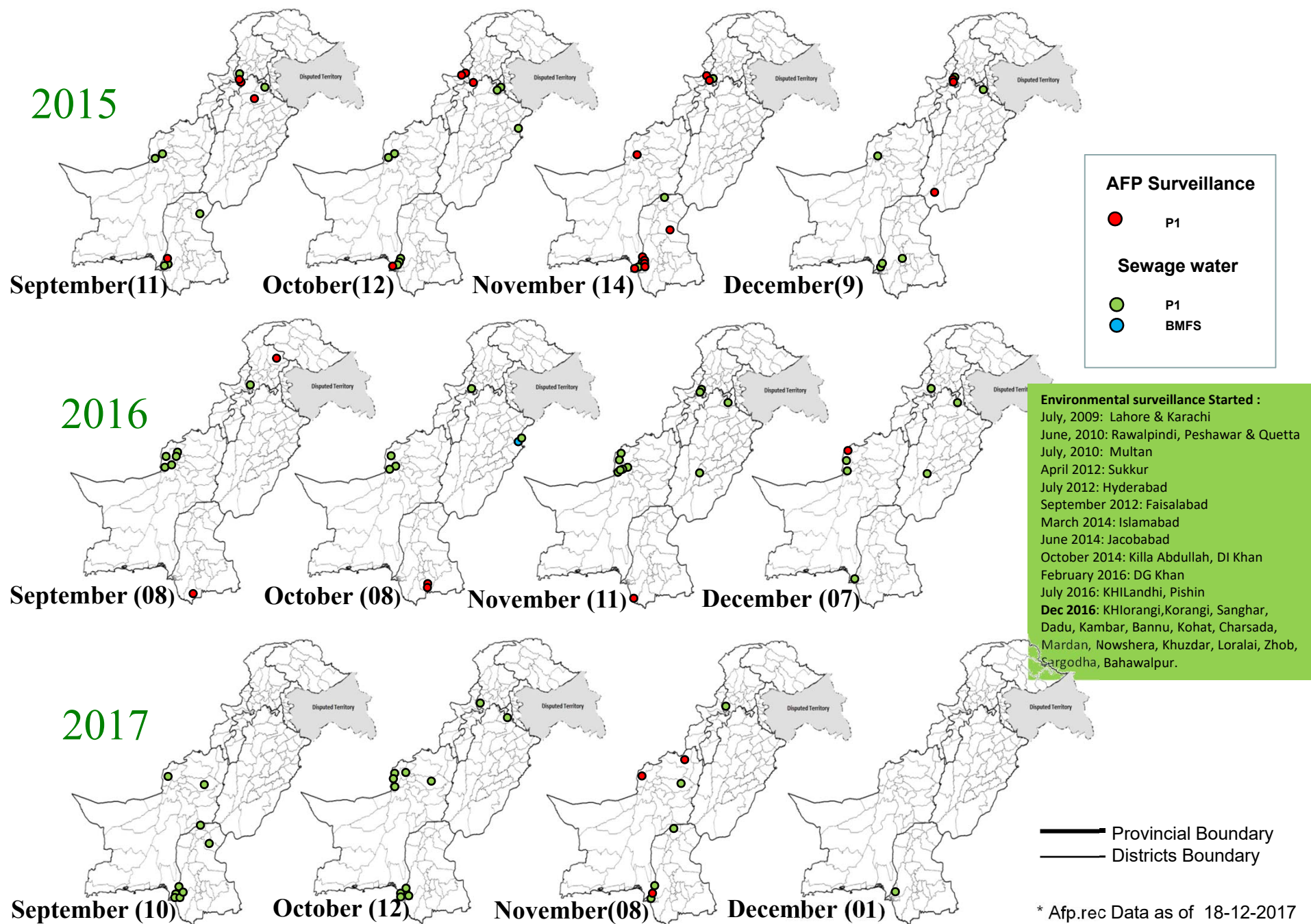
* Afp.rec Data as of 18-12-2017

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



* Afp.rec Data as of 18-12-2017

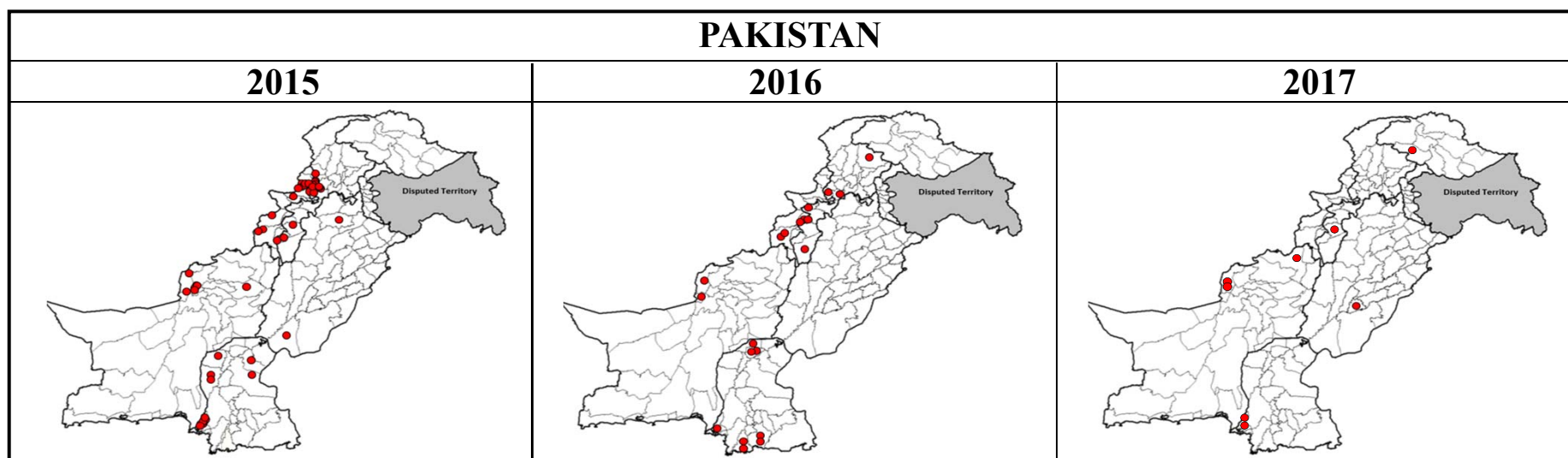
Map 4.2: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 18-12-2017

Table 5: Polio Eradication Update, Pakistan 2015-2017*

Province/Region	Polio 1		
	2015	2016	2017
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

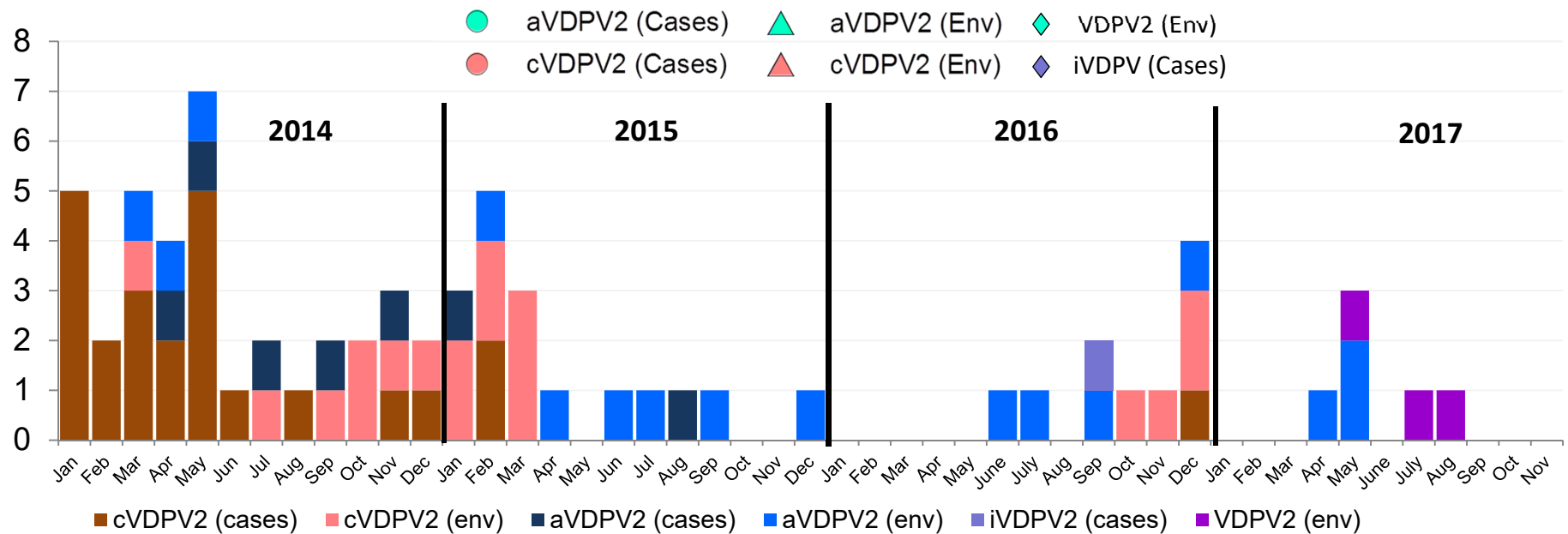
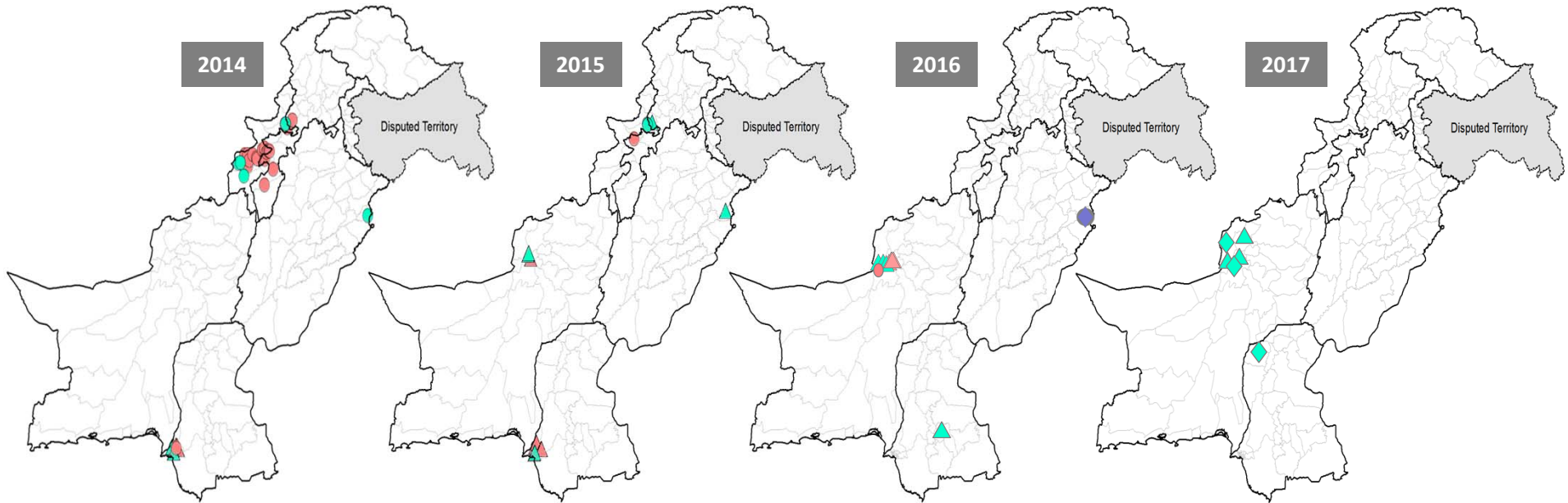


* Afp.rec Data as of 18-12-2017

VDPV2 isolates, 2013 to 2017*

DISTRICT	2013				2014				2015				2016								2017							
	aVDPV-2		cVDPV-2		aVDPV-2		cVDPV-2		aVDPV-2		cVDPV-2		aVDPV-2		iVDPV-2	cVDPV-2		VDPV 2	aVDPV-2		iVDPV-2	cVDPV-2		VDPV 2				
	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env	Cases	Env				
JAFARABAD	1																											
MASTUNG	1																											
PISHIN																			1									
QUETTA									2		1		3				1		4		2				1			
KABDULAH																									1			
BALOCHISTAN	2								2		1		3				1		4		3				2			
FR BANNU							8																					
KHYBER					1		2		1		1																	
MOHMAND	1																											
WAZIR-N	41				2		7																					
WAZIR-S					1																							
FATA	42				4		17		1		1																	
BANNU							1																					
HANGU											1																	
LAKKIMRWT							1																					
PESHAWAR							1		1																			
KPAKHTUNKHWA							3		1		1																	
LAHORE					1				1						1													
PUNJAB					1				1						1													
KAMBAR																									1			
KHIGADAP	4		2		2		1		7				6															
KHIGIQBAL					1						2																	
KHIGULBERG									1																			
HYDERABAD															1													
SINDH	4		2		3		1		7		1		2		6		1								1			
PAKISTAN	48		2		5		3		21		7		2		6		2		7		4		1		4			
																									3			
																									3			

VDPV isolates (Cases + ES), 2014 – 2017*



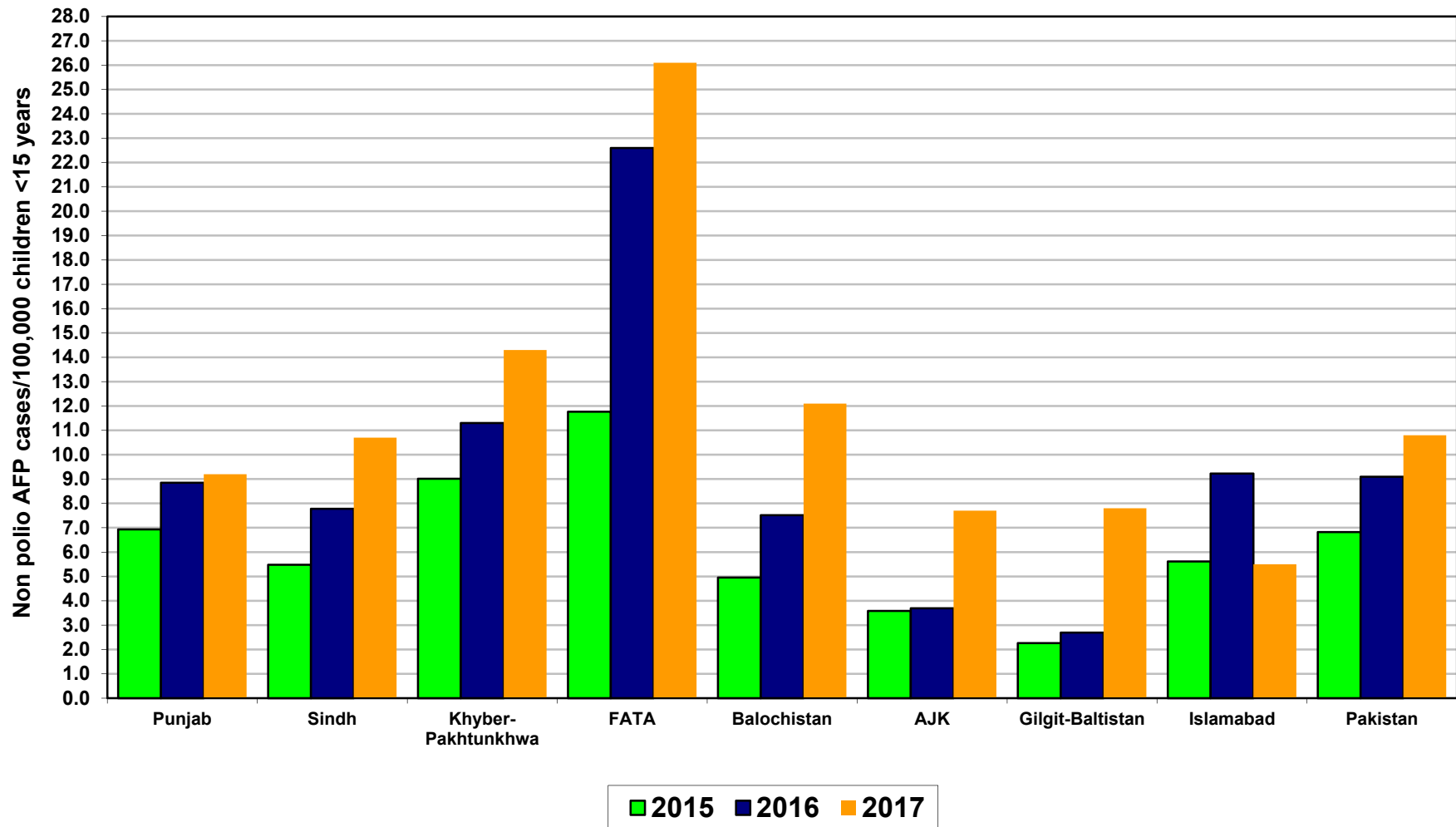
* Afp.rec Data as of 18-12-2017

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		
	15	16	17	15	16	17	15	16	17	15	16	17	15	16	17
Central Punjab	0%	0%	0%	0%	0%	0%	0%	1%	1%	3%	3%	3%	96%	97%	96%
North Punjab	0%	0%	0%	0%	0%	0%	1%	0%	1%	3%	2%	1%	95%	98%	97%
South Punjab	0%	0%	0%	0%	0%	0%	1%	0%	0%	2%	2%	2%	97%	98%	97%
PUNJAB	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	2%	2%	96%	97%	97%
Karachi	2%	0%	1%	3%	1%	1%	1%	1%	1%	5%	5%	7%	89%	93%	90%
North Sindh	0%	0%	0%	1%	0%	0%	1%	0%	0%	8%	5%	2%	90%	94%	97%
South Sindh	0%	0%	0%	1%	1%	0%	1%	1%	1%	7%	6%	4%	91%	92%	95%
SINDH	0%	0%	0%	1%	1%	0%	1%	1%	0%	7%	5%	4%	90%	93%	95%
Central Khyber Pakhtunkhwa	1%	0%	0%	1%	0%	0%	1%	0%	0%	3%	1%	1%	94%	99%	98%
North Khyber Pakhtunkhwa	1%	1%	0%	1%	1%	2%	1%	0%	1%	4%	2%	3%	94%	96%	94%
South Khyber Pakhtunkhwa	1%	0%	0%	1%	1%	2%	2%	1%	2%	11%	1%	3%	83%	96%	93%
Khyber Pakhtunkhwa	1%	0%	0%	1%	1%	1%	1%	0%	1%	5%	1%	2%	91%	97%	95%
FATA	3%	0%	0%	3%	2%	0%	4%	1%	1%	7%	10%	8%	84%	88%	91%
Rest of Balochistan	11%	7%	3%	9%	7%	10%	2%	2%	3%	25%	23%	12%	54%	62%	71%
North Balochistan	11%	0%	4%	14%	3%	4%	0%	3%	2%	17%	10%	10%	57%	83%	80%
Quetta Block	3%	1%	2%	15%	1%	2%	9%	4%	4%	12%	10%	7%	61%	83%	85%
BALUCHISTAN	9%	2%	2%	12%	3%	5%	3%	3%	3%	19%	13%	9%	56%	80%	81%
PAKISTAN	1%	0%	0%	1%	1%	1%	1%	1%	1%	5%	4%	4%	92%	95%	95%

* Afp.rec Data as of 18-12-2017

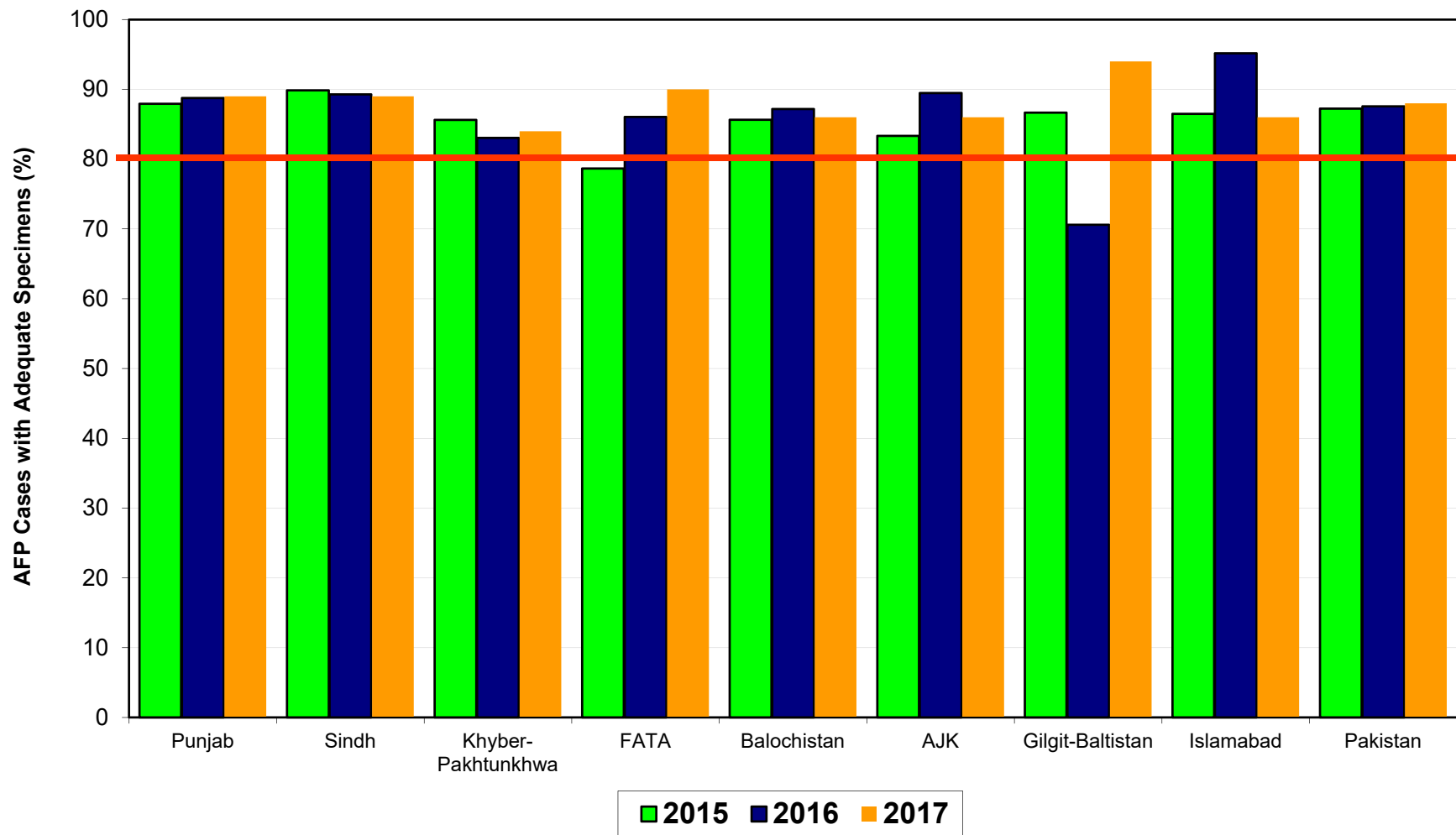
Non Polio AFP Rate By Province/Regions, 2015-2017*



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 18-12-2017

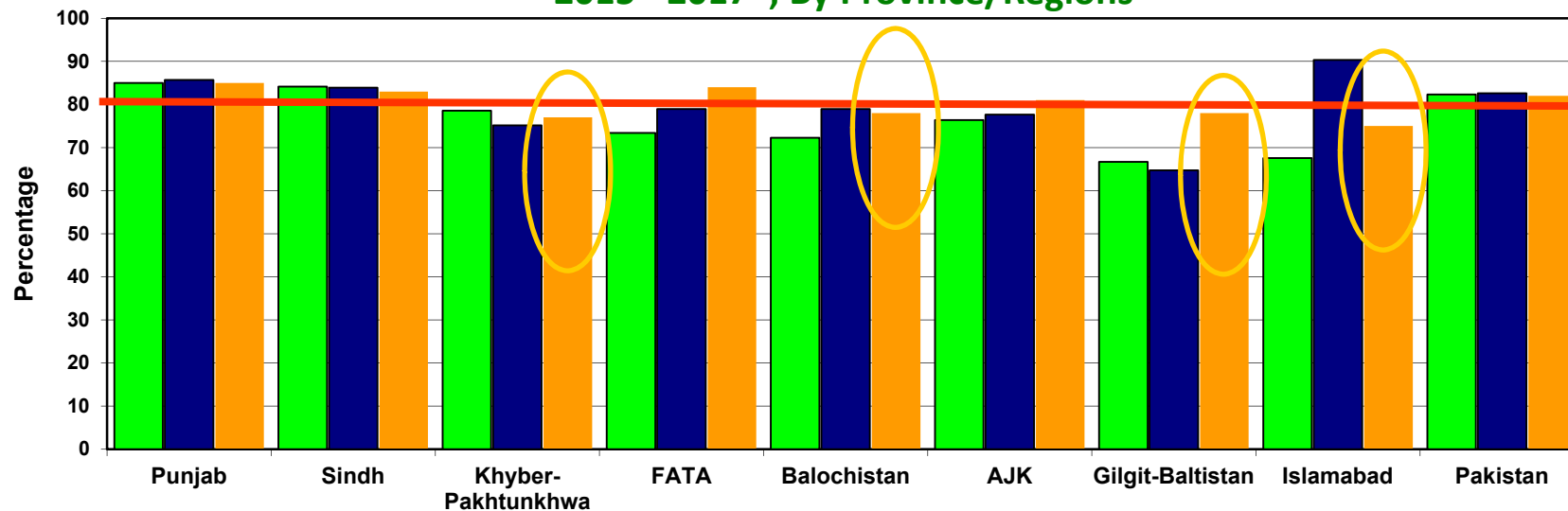
Percent AFP Cases with Adequate Specimens By Province/Regions, 2015-2017*



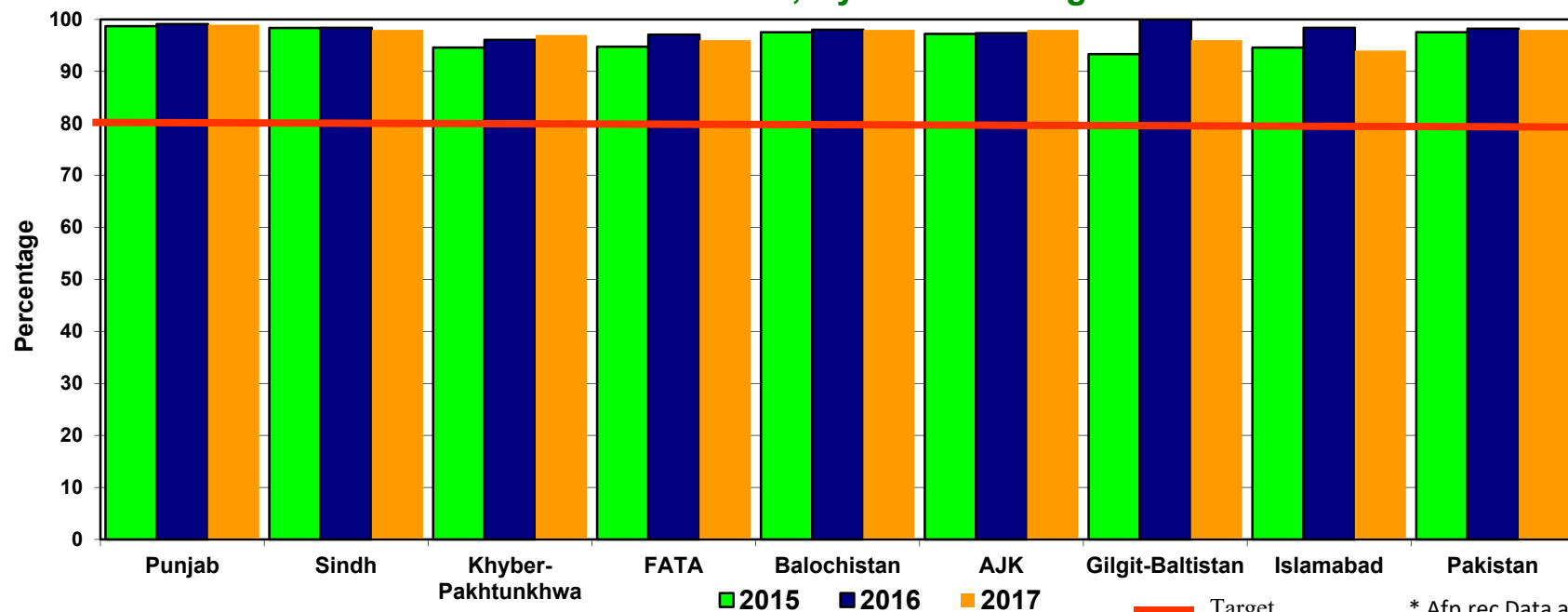
* Afp.rec Data as of 18-12-2017

— Target Adequate Sample cases = 80%

**Graph 5: Percent AFP Cases Notified within 07 days of paralysis onset
2015 - 2017*; By Province/Regions**

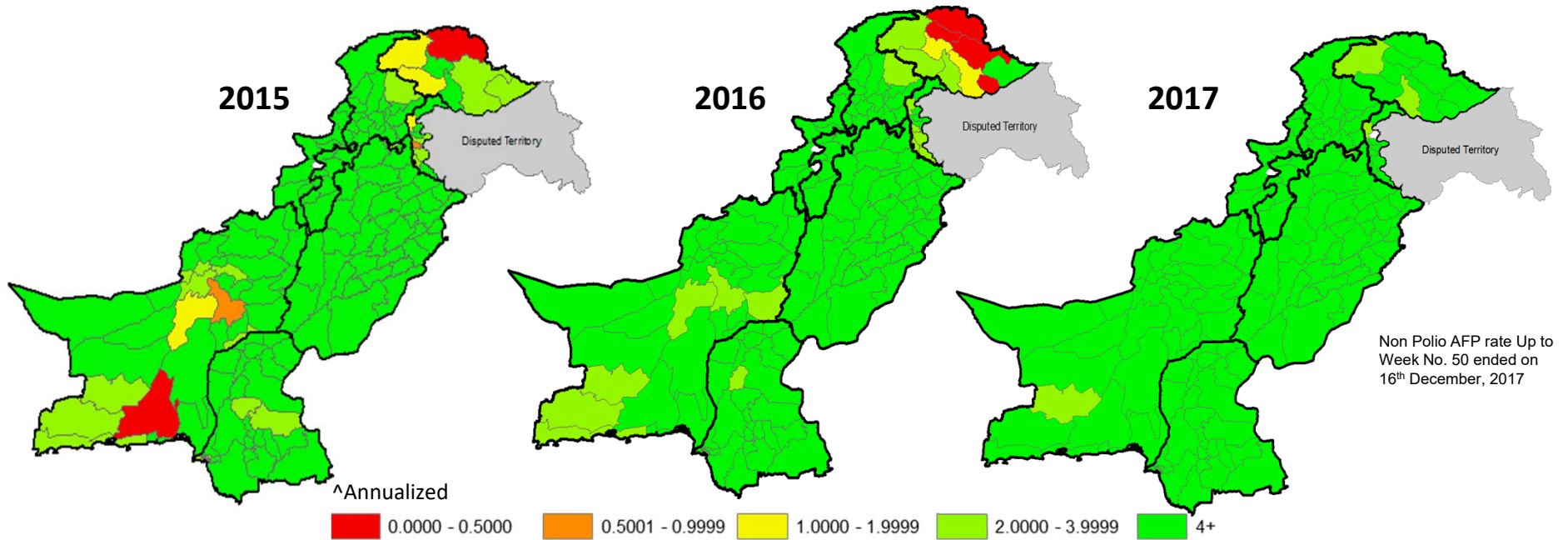


**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2015 ~ 2017*; By Province/Regions**

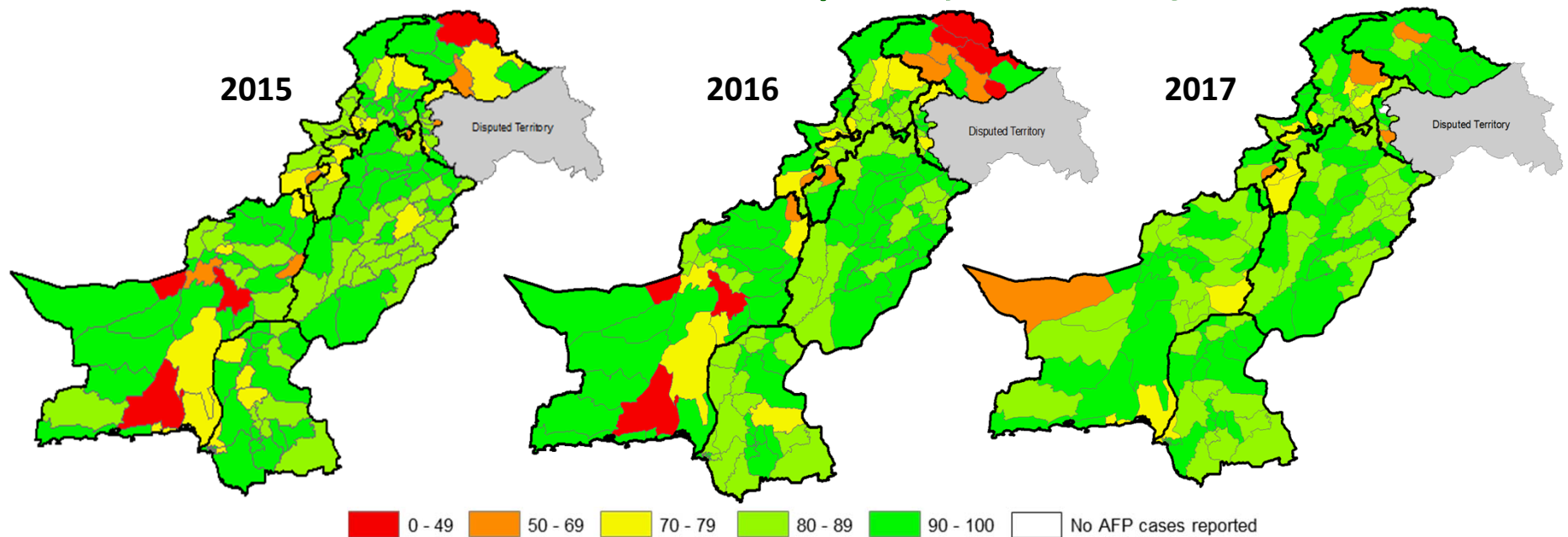


* Afp.rec Data as of 18-12-2017

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 (1/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	BAHWLNAGAR	MINCHINABAD	PB/73/17/072	M	48	15-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	94
2	BAHWLNAGAR	BAHAWALNAGAR	PB/73/17/086	M	24	06-07-17	7+	LATE NOTIFIED			Y	Y	N		165
3	BHAKKAR	KALUR KOT	PB/44/17/035	M	168	24-07-17	7+	12-08-17	13-08-17	NVI	Y	N	Y	Y	147
4	BHAKKAR	BHAKKAR	PB/44/17/043	M	96	07-09-17	7+	23-09-17	24-09-17	NVI	N	N	Y	Y	102
5	CHAKWAL	TALA GANG	PB/13/17/040	M	66	16-08-17	7+	25-08-17		NVI	Y	N	Y	Y	124
6	CHAKWAL	CHAKWAL	PB/13/17/047	M	12	03-07-17	7+	03-10-17	05-10-17	NVI	Y	Y	UK	Y	168
7	DGKHAN	DGKHAN	PB/81/17/146	M	120	27-08-17	7+	LATE NOTIFIED			N	N	Y	Y	113
8	DGKHAN	TAUNSA	PB/81/17/148	M	9	07-08-17	7+	07-09-17	08-09-17	EV	Y	Y	Y	Y	133
9	DGKHAN	DGKHAN	PB/81/17/167	M	14	18-09-17	7+	06-10-17	08-10-17	NVI	N	Y	Y		91
10	DGKHAN	DGKHAN	PB/81/17/175	M	18	20-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	151
11	DGKHAN	DGKHAN	PB/81/17/178	M	20	09-08-17	7+				Y	N	Y	Y	131
12	DGKHAN	DGKHAN	PB/81/17/191	M	4	20-08-17	7+				N	N	Y		120
13	DGKHAN	DGKHAN	PB/81/17/193	F	48	03-09-17	7+				Y	Y	Y		106
14	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3				Y	Y	UK	Y	209
15	FAISALABAD	TANDLIAN WALA	PB/51/17/151	M	84	28-07-17	7+	14-08-17	16-08-17	EV	N	N	Y	Y	143
16	FAISALABAD	FAISALABAD CITY	PB/51/17/198	F	108	03-09-17	7+	22-09-17	23-09-17	EV	Y	N	Y		106
17	FAISALABAD	FAISALABAD CITY	PB/51/17/201	F	20	22-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	149
18	FAISALABAD	FAISALABAD SADAR	PB/51/17/208	F	30	10-09-17	7+	10-10-17	11-10-17	NVI	Y	N	N		99
19	FAISALABAD	JARANWALA	PB/51/17/203	M	39	02-09-17	7+	28-09-17	29-09-17	EV	Y	Y	Y		107
20	FAISALABAD	FAISALABAD SADAR	PB/51/17/209	M	11	04-08-17	7+	LATE NOTIFIED			N	Y	Y		136
21	GUJRANWALA	WAZIRABAD	PB/21/17/164	F	144	17-08-17	7+	10-09-17	12-09-17	EV	N	Y	Y	Y	123
22	GUJRANWALA	WAZIRABAD	PB/21/17/171	M	96	09-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y	Y	131
23	GUJRAT	KHARIAN	PB/23/17/097	M	99	11-09-17	5	06-10-17	07-10-17	NVI	N	Y	Y		98
24	HAFIZABAD	PINDI BHATTIAN	PB/22/17/053	F	156	28-07-17	7+	10-08-17	12-08-17	NVI	N	N	Y	Y	143
25	HAFIZABAD	PINDI BHATTIAN	PB/22/17/060	F	36	18-08-17	7+	25-08-17		NVI	Y	N	Y	DIED	122
26	HAFIZABAD	HAFIZABAD	PB/22/17/064	F	9	17-08-17	7+	09-09-17	10-09-17	NVI	Y	Y	N	Y	123
27	JHANG	ATHARA HAZARI	PB/53/17/082	M	168	29-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	111
28	JHANG	SHORKOT	PB/53/17/086	M	17	30-06-17	7+	LATE NOTIFIED			Y	Y	Y		171
29	JHANG	JHANG	PB/53/17/069	F	60	07-08-17	7+	24-08-17	26-08-17	EV	Y	Y	N		133
30	JHELUM	PIND DADAN KHAN	PB/14/17/040	M	36	20-07-17	7+	LATE NOTIFIED			N	N	Y	Y	151
31	KASUR	PATTOKI	PB/32/17/087	M	148	28-07-17	7+				Y	N	Y		143
32	KASUR	PATTOKI	PB/32/17/090	M	14	10-07-17	7+	DIED BEFORE STOOL			Y	Y	Y		161
33	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+				N	N	Y	DIED	138
34	KHANEWAL	KABIRWALA	PB/62/17/061	F	1	01-07-17	1	11-08-17	12-08-17	NVI	N	N	Y	Y	170
35	KHANEWAL	KABIRWALA	PB/62/17/070	M	1	20-08-17	0	13-09-17	15-09-17	NVI	N	N	N	Y	120
36	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	142
37	LAHORE	SHALAMAR TOWN	PB/31/17/205	M	203	04-09-17	7+	23-09-17	24-09-17	EV	Y	Y	Y		105
38	LAHORE	RAVI TOWN	PB/31/17/204	M	18	20-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	151
39	LAHORE	NISHTAR TOWN	PB/31/17/211	F	7	04-05-17	7+				Y	Y	Y	Y	228
40	LAYYAH	KAROR LAL ESAN	PB/84/17/063	M	84	02-08-17	7+	15-09-17	16-09-17	NVI	Y	Y	Y		138
41	LODHRAN	LODHRAN	PB/64/17/053	F	36	26-07-17	7+	21-08-17	23-08-17	NVI	Y	N	Y	Y	145
42	MBDIN	MANDI BAHAUDDIN	PB/24/17/038	M	132	20-08-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	120

* Afp.rec Data as of 18-12-2017

€ 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 (2/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
43	IMBDIN	MANDI BAHAUDDIN	PB/24/17/027	F	4	03-07-17	5	DIED BEFORE STOOL			N	Y	Y	DIED	168
44	IMBDIN	MALAKWAL	PB/24/17/052	F	60	25-08-17	7+	LATE NOTIFIED			Y	N	N	Y	115
45	MIANWALI	MIANWALI	PB/43/17/051	F	9	30-07-17	7+	01-08-17		NVI	Y	N	Y	DIED	141
46	MIANWALI	MIANWALI	PB/43/17/063	M	24	03-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	106
47	MULTAN	JALALPUR PIRWALA	PB/61/17/095	F	36	24-07-17	7+	27-07-17		EV	Y	N	Y	DIED	147
48	MULTAN	MULTAN CITY	PB/61/17/103	F	42	08-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	132
49	MULTAN	MULTAN CITY	PB/61/17/123	M	12	23-08-17	7+	27-09-17	29-09-17	NVI	N	Y	Y	Y	117
50	MUZFARGARH	KOT ADDU	PB/83/17/178	M	21	05-08-17	7+	26-08-17	28-08-17	EV	Y	Y	Y	Y	135
51	MUZFARGARH	JATOI	PB/83/17/180	M	23	02-08-17	7+	28-08-17	29-08-17	EV	N	N	Y	Y	138
52	MUZFARGARH	JATOI	PB/83/17/182	M	36	27-07-17	7+	28-08-17	29-08-17	EV	N	Y	Y	Y	144
53	MUZFARGARH	MUZFARGARH	PB/83/17/222	M	37	06-08-17	7+	LATE NOTIFIED			Y	N	Y		134
54	MUZFARGARH	KOT ADDU	PB/83/17/194	M	49	03-09-17	7+	20-09-17	21-09-17	EV	Y	N	Y		106
55	MUZFARGARH	MUZFARGARH	PB/83/17/197	F	18	25-08-17	7+	22-09-17	23-09-17	VACC	N	Y	Y		115
56	MUZFARGARH	ALIPUR	PB/83/17/199	M	21	12-09-17	7+	27-09-17	29-09-17	NVI	Y	Y	Y		97
57	MUZFARGARH	KOT ADDU	PB/83/17/201	M	3	19-07-17	2	LATE NOTIFIED			N	Y	Y		152
58	MUZFARGARH	JATOI	PB/83/17/238	M	4	10-08-17	5				Y	N	UK		130
59	MUZFARGARH	MUZFARGARH	PB/83/17/230	F	24	21-06-17	7+				Y	Y	Y		180
60	MUZFARGARH	ALIPUR	PB/83/17/198	M	66	10-08-17	7+	26-09-17	28-09-17	NVI	Y	Y	Y		130
61	NANKANASAHIB	SANGLAHILL	PB/35/17/070	F	15	15-09-17	7+	25-10-17	27-10-17	EV	Y	Y	Y		94
62	NAROWAL	SHAKARGARH	PB/26/17/039	F	36	05-08-17	7+	20-09-17	21-09-17	EV	Y	Y	Y	Y	135
63	NAROWAL	NAROWAL	PB/26/17/044	M	30	08-09-17	7+	10-10-17	13-10-17	EV	Y	N	Y		101
64	OKARA	RENALA KHURD	PB/34/17/104	F	22	29-08-17	7+	LATE NOTIFIED			Y	Y	Y		111
65	PAKPATTEN	PAKPATTAN	PB/66/17/044	M	17	07-07-17	7+	19-07-17	26-07-17	EV	N	Y	Y	Y	164
66	RAJANPUR	ROJHAN	PB/82/17/094	M	84	10-08-17	7+	27-08-17	28-08-17	NVI	Y	Y	Y		130
67	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	249
68	RAJANPUR	ROJHAN	PB/82/17/104	F	42	10-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	99
69	RAJANPUR	RAJANPUR	PB/82/17/098	F	96	06-08-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y		134
70	RAJANPUR	ROJHAN	PB/82/17/111	M	60	30-08-17	7+	07-10-17	08-10-17	NVI	N	Y	Y		110
71	RAJANPUR	JAMPUR	PB/82/17/109	M	36	25-08-17	7+	07-10-17	08-10-17	EV	N	Y	Y		115
72	RAJANPUR	RAJANPUR	PB/82/17/101	M	120	11-09-17	7+	30-09-17	01-10-17	NVI	Y	N	Y		98
73	RAJANPUR	RAJANPUR	PB/82/17/132	F	22	08-08-17	7+	LATE NOTIFIED			Y	Y	UK		132
74	RAWALPINDI	RAWALPINDI	PB/11/17/161	M	33	22-08-17	7+	22-09-17	24-09-17	NVI	N	N	N	DIED	118
75	RAWALPINDI	RAWALPINDI	PB/11/17/166	F	42	08-09-17	7+	29-09-17	01-10-17	EV	Y	N	UK		101
76	RAWALPINDI	RAWALPINDI	PB/11/17/155	M	30	24-08-17	7+	14-09-17	15-09-17	EV	N	N	Y	Y	116
77	RAWALPINDI	RAWALPINDI	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	136
78	RYKHAN	RAHIM YAR KHAN	PB/72/17/172	M	72	22-08-17	7+	23-08-17		NVI	Y	N	Y	DIED	118
79	RYKHAN	LIAQUAT PUR	PB/72/17/189	M	132	16-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	93
80	RYKHAN	KHANPUR	PB/72/17/206	M	30	01-09-17	7+	15-10-17	16-10-17	NVI	N	Y	Y	Y	108
81	SAHIWAL	SAHIWAL	PB/65/17/078	M	36	21-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y		119
82	SARGODHA	SAHIWAL	PB/41/17/101	M	11	13-09-17	7+	17-10-17	18-10-17	NVI	Y	Y	Y		96
83	SIALKOT	SIALKOT	PB/25/17/069	M	18	24-07-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y	Y	147
84	SIALKOT	SIALKOT	PB/25/17/073	F	110	31-08-17	7+	12-09-17	15-09-17	NVI	N	Y	Y	Y	109

* Afp.rec Data as of 18-12-2017

€ 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 (3/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
85	TTTSINGH	KAMALIA	PB/52/17/077	F	1	29-06-17	0	21-07-17	22-07-17		N	Y	Y		172
86	TTTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	132
87	VEHARI	VEHARI	PB/63/17/057	F	24	11-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	98
88	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+	LATE NOTIFIED			N	N	N	Y	184
89	JAMSHORO	SEHWAN	SD/25/17/028	F	96	28-08-17	7+	02-10-17	03-10-17	NVI	N	N	Y	Y	112
90	KASHMORE	KANDHKOT	SD/54/17/028	M	24	17-07-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	154
91	KHIGADAP	GADAP	SD/63/17/039	F	42	29-08-17	7+	19-09-17	20-09-17	EV	N	Y	Y	Y	111
92	KHIGADAP	GADAP	SD/63/17/036	M	108	20-08-17	7+	29-08-17		NVI	N	N	Y	DIED	120
93	KHIGADAP	GADAP	SD/63/17/043	F	36	10-09-17	7+	24-09-17	25-09-17	EV	Y	N	Y		99
94	KHILANDHI	LANDHI	SD/69/17/048	M	120	02-09-17	7+	26-10-17	27-10-17	EV	Y	Y	Y	Y	107
95	KHILIAQAT	ILIAQATABAD	SD/70/17/019	F	10	22-07-17	7+	28-10-17	29-10-17	NVI	Y	Y	Y		149
96	MATIARI	MATIARI	SD/28/17/027	M	48	07-09-17	7+	29-09-17	30-09-17	NVI	Y	N	Y	Y	102
97	SANGHAR	TANDO ADAM	SD/32/17/040	M	5	25-07-17	7+	13-08-17	15-08-17	VACC	Y	N	Y	Y	146
98	SHIKARPUR	LAKHI	SD/52/17/047	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	N	Y	Y	Y	120
99	SHIKARPUR	GARHI YASIN	SD/52/17/051	F	36	15-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	156
100	SHIKARPUR	SHIKARPUR	SD/52/17/054	M	60	09-09-17	7+	14-10-17	16-10-17	NVI	Y	Y	Y	Y	100
101	SUJAWAL	SHAH BUNDER	SD/79/17/071	M	48	07-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	102
102	SUJAWAL	JATI	SD/79/17/069	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	Y	Y	Y	Y	120
103	SUJAWAL	JATI	SD/79/17/070	M	36	19-08-17	7+	26-09-17	27-09-17	NVI	Y	N	Y	Y	121
104	SUJAWAL	SHAH BUNDER	SD/79/17/078	M	36	08-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	132
105	UMERKOT	UMER KOT	SD/34/17/042	M	42	12-09-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	97
106	BANNU	BANNU	KP/61/17/027	F	52	01-09-17	7+	15-09-17	16-09-17	NVI	N	Y	UK	Y	108
107	BANNU	BANNU	KP/61/17/036	F	6	27-04-17	1	LATE NOTIFIED			UK	N	UK	Y	235
108	BATAGRAM	ALLAI	KP/11/17/027	M	96	30-08-17	7+	09-09-17		NVI	Y	Y	Y	Y	110
109	DIKHAN	PAROVA	KP/60/17/025	F	72	07-09-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	102
110	DIKHAN	PAHARPUR	KP/60/17/040	M	42	15-09-17	7+	05-11-17	06-11-17	EV	Y	Y	Y	Y	94
111	DIKHAN	DIKHAN	KP/60/17/044	M	28	03-09-17	7+	LATE NOTIFIED			N	Y	Y	Y	106
112	DIRUPPER	DIR	KP/25/17/024	F	72	06-06-17	7+	13-07-17	14-07-17	NVI	Y	N	Y	Y	195
113	DIRUPPER	DIR	KP/25/17/034	M	36	12-09-17	7+	08-10-17	09-10-17		Y	Y	Y		97
114	HANGU	HANGU	KP/54/17/036	F	11	04-09-17	7+	09-10-17	10-10-17	NVI	Y	Y	Y	Y	105
115	KARAK	BANDA DAUD SHAH	KP/51/17/057	F	105	28-05-17	7+	LATE NOTIFIED			N	N	Y	Y	204
116	KARAK	KARAK	KP/51/17/058	F	19	07-06-17	7+				UK	Y	Y	Y	194
117	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	7+				N	Y	UK	Y	165
118	KARAK	TAKHT E NASRATI	KP/51/17/065	F	16	10-06-17	7+				Y	Y	UK	Y	191
119	KOHAT	KOHAT	KP/50/17/032	F	38	15-09-17	7+	30-10-17	31-10-17	EV	N	N	Y		94
120	KOHAT	KOHAT	KP/50/17/033	M	22	08-09-17	7+	03-11-17	04-11-17	NVI	Y	Y	Y	Y	101
121	LAKKIMRWT	LAKKIMRWT	KP/62/17/037	F	5	06-09-17	1	24-09-17	25-09-17	EV	Y	Y	N	Y	103
122	LAKKIMRWT	LAKKIMRWT	KP/62/17/040	F	120	30-08-17	7+	23-09-17		NVI	N	Y	Y		110
123	LAKKIMRWT	LAKKIMRWT	KP/62/17/055	F	1	01-07-17	1	LATE NOTIFIED			Y	N	Y	Y	170
124	LAKKIMRWT	LAKKIMRWT	KP/62/17/058	F	24	02-08-17	7+				N	Y	UK	Y	138
125	MANSEHRA	MANSEHRA	KP/14/17/060	M	96	02-09-17	7+	15-10-17	16-10-17	EV	Y	N	UK		107
126	NOWSHERA	NOWSHERA	KP/32/17/062	M	78	18-09-17	7+	LATE NOTIFIED			Y	Y	UK		91

* Afp.rec Data as of 18-12-2017

€ 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 (4/4)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
127	NOWSHERA	NOWSHERA	KP/32/17/069	F	11	22-08-17	6	18-10-17	19-10-17	NVI	N	Y	N	Y	118
128	PESHAWAR	PESHAWAR	KP/30/17/179	M	22	10-09-17	7+	27-09-17	28-09-17	NVI	N	Y	Y	Y	99
129	SHANGLA	BISHAM	KP/26/17/028	M	11	29-03-17	7+	LATE NOTIFIED			N	Y	Y	Y	264
130	SHANGLA	PURAN	KP/26/17/044	M	41	15-09-17	7+	02-10-17	03-10-17	EV	N	Y	Y	Y	94
131	SHANGLA	CHAKISAR	KP/26/17/039	F	96	03-09-17	7+	DIED BEFORE STOOL			N	Y	UK	DIED	106
132	SWABI	SWABI	KP/41/17/100	F	17	18-09-17	7+	04-10-17	05-10-17	EV	N	Y	UK	Y	91
133	SWABI	LAHORE	KP/41/17/111	F	22	07-08-17	7+	10-11-17	11-11-17	EV	Y	N	N	Y	133
134	BARKHAN	BARKHAN	BN/23/17/013	M	84	28-08-17	7+	07-09-17		NVI	N	N	Y		112
135	BOLAN	DHADAR	BN/42/17/008	M	168	01-09-17	0	LATE NOTIFIED			Y	Y	Y	Y	108
136	CHAGHAI	DALBANDIN	BN/13/17/007	F	14	31-08-17	7+	06-10-17	08-10-17	NVI	Y	Y	Y	Y	109
137	DBUGTI	PHELAWAGH	BN/35/17/010	M	114	22-08-17	7+	05-09-17	07-09-17	NVI	Y	Y	Y		118
138	KABDULAH	CHAMAN	BN/14/17/032	M	3	07-08-17	3	23-09-17	24-09-17	EV	Y	Y	N	Y	133
139	KSAIFULAH	MUSMIL BAGH	BN/25/17/009	F	57	20-08-17	7+	22-09-17	23-09-17	EV	Y	Y	Y	Y	120
140	LORALAI	DUKI	BN/22/17/007	F	29	08-09-17	7+	23-09-17	24-09-17	VACC	Y	Y	Y	Y	101
141	WASHUK	BASIMA	BN/57/17/005	F	48	28-08-17	3	25-09-17	26-09-17	EV	Y	N	Y		112
142	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3	DIED BEFORE STOOL			Y	N	Y	DIED	206
143	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	122
144	HATTIAN	HATTIAN	AJ/90/17/001	F	156	05-03-17	3	30-03-17	31-03-17	NVI	Y	N	Y	Y	288
145	HATTIAN	HATTIAN	AJ/90/17/005	M	174	15-06-17	7+	21-07-17	22-07-17	NVI	N	N	N	Y	186
146	HATTIAN	HATTIAN	AJ/90/17/008	F	30	18-09-17	7+	19-10-17	20-10-17	NVI	UK	Y	Y	Y	91
147	HAVELI	HAVELI	AJ/51/17/002	M	13	18-02-17	7+	24-05-17	25-05-17	EV	N	Y	Y	Y	303
148	HAVELI	HAVELI	AJ/51/17/006	M	60	07-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	133
149	KOTLI	KOTLI	AJ/30/17/002	F	156	01-01-17	7+	17-02-17			Y	Y	Y	Y	351
150	KOTLI	NAKIAL	AJ/30/17/016	M	136	08-09-17	7+	30-10-17			Y	Y	Y	Y	101
151	MIRPUR	MIRPUR	AJ/20/17/002	F	42	20-01-17	7+	19-02-17		NVI	Y	N	N	Y	332
152	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	184
153	NEELUM	SAUTHMUQAM	AJ/80/17/004	F	18	05-09-17	5	30-10-17	31-10-17	NVI	N	N	Y	Y	104
154	POONCH	HAIIRA	AJ/40/17/008	M	136	08-02-17	7+	14-03-17	15-03-17	NVI	N	N	Y	Y	313
155	POONCH	HAIIRA	AJ/40/17/013	F	24	19-03-17	7+	28-04-17	29-04-17	NVI	Y	Y	Y	DIED	274
156	SUDNUTI	PALLANDARI	AJ/70/17/003	F	24	14-07-17	7+	06-08-17	07-08-17	NVI	Y	N	Y	Y	157
157	ICT	ICT	IB/02/17/024	M	33	30-04-17	7+	23-05-17	25-05-17	NVI	UK	UK	Y	Y	232
158	NAGAR	NAGAR2	GB/73/17/002	M	40	15-09-17	7+	06-10-17	07-10-17	EV	N	Y	Y		94
159	KURRAM	CENTRAL KURRAM	FT/52/17/018	M	4	28-08-17	0	10-09-17	21-09-17	NVI	N	N	Y	Y	112
160	KURRAM	UPPER KURRAM	FT/52/17/019	M	96	26-08-17	7+	12-09-17	14-09-17	NVI	Y	Y	UK	Y	114
161	ORAKZAI	UPPER ORAKZAI	FT/53/17/028	F	12	24-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	116
162	WAZIR-S	BIRMAL	FT/65/17/017	F	24	16-06-17	7+	02-07-17	05-08-17	EV	Y	Y	Y		185

* Afp.rec Data as of 18-12-2017

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.