



**World Health
Organization**

Weekly AFP Surveillance Update Pakistan

Week 49 (*Ended on 9th December, 2017*)

National Surveillance Cell

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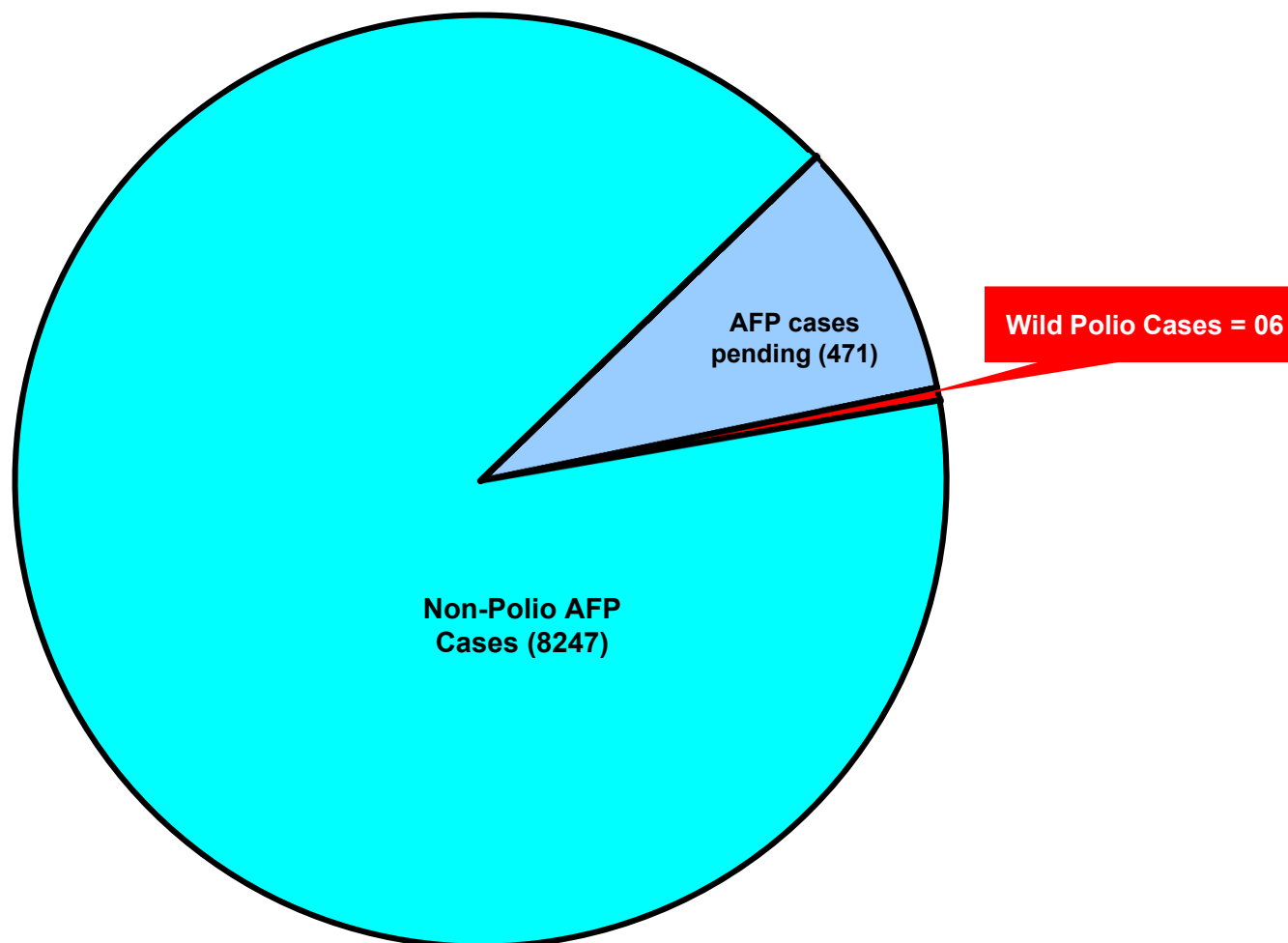
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AFP Surveillance



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

AFP Case Profile, 2017*



Total AFP Cases Reported = 8724

^ 257 Inadequate cases not due for FUP

^ 214 cases Pending in the Lab

^ 141 AFP Cases pending for classification by ERC

* Afp.rec Data as of 11-12-2017

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

New WPV Case

* Afp.rec Data as of 11-12-2017

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

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	SIAs	Last 6 SIAs	Last dose	Field	NSC %		Lab No.	Days Inoc	Culture update	
Isolates pending for ITSD																					
1	SUDNOTI *		MUNG	PATHAN SHER	AJ/70/17/008-C1		9	F	28-Nov-17	-	-	-			N	N	-	12526	9	L20B+	
2	SUDNOTI *		MUNG	PATHAN SHER	AJ/70/17/008-C2		48	M	29-Nov-17	-	-	-			N	N	-	12528	9	L20B+	
3	JAFFARABAD *		SOHBAT PUR	GHARRI	BN/43/17/040-C1		36	M	30-Nov-17	-	-	-			N	#	-	12601	6	L20B+	
4	KABDULLAH *		GUUSTAN	GUUSTAN-2	BN/14/17/045	13-Nov-17	12	M	29-Nov-17	N	0	0	0	13-Nov-17	N	Y	INV. NEURITIS	12592	6	L20B+	REFUSAL / SERVICE DELIVERY ISSUE
5	ZHOB	4	ZHOB	HASSANZAI (R)	BN/21/17/019	15-Nov-17	24	M	20-Nov-17	Y	0	0	0		Y	Y	TRANSVERSE MYELITIS	12294	6	L20B+	
6	KHYBER	1	BARA	SPEEN QABAR	FT/34/17/107	21-Nov-17	24	F	30-Nov-17	Y	#	#		18-Oct-17	N	#	*	12578	5	L20B+	
7	TANK *	1	TANK	SHAH AALAM	KP/63/17/028	08-Nov-17	11	M	27-Nov-17	N	3	6	5	03-Nov-17	N	N	INV. NEURITIS	12452	12	L20B+	
8	TANK *	1	TANK	SHAH AALAM	KP/63/17/028-C1		30	M	25-Nov-17	-	-	-			N	N	-	12453	12	L20B+	
9	TANK *	1	TANK	WARSASPOON	KP/63/17/029	26-Nov-17	36	M	30-Nov-17	Y	0	7	6	24-Nov-17	N	N	HYPOKALEMIA	12581	6	L20B+	
10	KOHISTAN *	4	#	#	KP/13/17/023-C1		38	F	28-Nov-17	-	-	-			N	#	-	12595	6	L20B+	
11	PAKPATTAN *		#	#	PB/66/17/075	19-Nov-17	14	M	23-Nov-17	Y	#	#		18-Sep-17	N	#	*	12391	12	L20B+	
12	PAKPATTAN *		#	#	PB/66/17/076	20-Nov-17	27	M	26-Nov-17	Y	#	#		19-Sep-17	N	#		12460	10	L20B+	
13	LAHORE *	3	WAHGA	UC-65	PB/31/17/248	25-Nov-17	72	F	29-Nov-17	Y	3	7+	6	20-Nov-17	N	N	GBS	12586	6	L20B+	
14	OKARA *	4	DIPALPUR	D-110	PB/34/17/106	26-Nov-17	48	M	29-Nov-17	Y	3	7+	6	22-Nov-17	N	N	GBS / ARTHRITIS	12569	6	L20B+	
15	RAJANPUR *	4	ROJHAN	UMER KOT	PB/82/17/131-C3		42	M	23-Nov-17	-	-	-		22-Nov-17	N	N	-	12376	13	L20B+	
16	SUJAWAL *		JATI	KOTHI	SD/79/17/089	23-Oct-17	60	M	25-Nov-17	N	3	7+	6	18-Sep-17	N	N	TRANSVERSE MYELITIS	12507	9	L20B+	
17	SUJAWAL *		SHAH BANDER	JANGO JALBANI	SD/79/17/090	22-Nov-17	36	F	27-Nov-17	Y	3	7+	6	31-Oct-17	N	N	UNNOTICED TRAUMA	12502	9	L20B+	
18	JACOBABAD *	2	JACOBABAD	G. CHAND	SD/53/17/072	20-Nov-17	36	M	23-Nov-17	Y	UK	7	6	01-Nov-17	N	N	HEMIPARESIS	12574	6	L20B+	

* 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 11-12-2017

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

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	SIAs	Last 6 SIAs	Last dose	Field	NSC		Lab No.	Days	Culture update	
																		Inoc			
19	HYDERABAD *	3	HYDERABAD RURAL	TANDA FAZAL	SD/21/17/053-C1		11	F	27-Nov-17	-	-	-		19-Sep-17	N	#	#	12557	7	L20B+	
20	JAMSHORO *	4	SEHWAN	TALTI	SD/25/17/045	28-Oct-17	84	F	21-Nov-17	Y	3	7+	6	20-Nov-17	N	N	LFT LEG WEAKNESS	12514	9	L20B+	
21	KHILANDHI *	4	LANDHI	UC-4	SD/69/17/051	16-Nov-17	35	M	28-Nov-17	Y	3	6	6	20-Oct-17	N	N	GBS	12407	12	L20B+	
22	KHIORANGI *	4	ORANGI	UC-12	SD/75/17/033-C3		11	F	29-Nov-17	-	-	-		19-Sep-17	N	#	#	12562	7	L20B+	
23	THARPARKAR *	4	CHACHRO	GADHRO	SD/33/17/058	15-Nov-17	8	F	23-Nov-17	Y	3	7	4	19-Sep-17	N	N	STROKE	12536	7	L20B+	
Reported urgent (by field / NSC criteria)																					
24	SUDNOTI *		MUNG	PATHAN SHER	AJ/70/17/008	10-Nov-17	4	F	29-Nov-17	#	#	#			N	N	-	12527	8	UP	Index of C-1 and C-2
25	JAFARABAD *	3	SOHBAT PUR	GHARRI	BN/43/17/040	28-Oct-17	108	M	11-Nov-17	N	UK	7+	0	10-Oct-17	N	N	TRAUMATIC NEURITIS	11902	25	UP	Index of C-1
26	HYDERABAD *	3	HYDERABAD RURAL	TANDA FAZAL	SD/21/17/053	05-Nov-17	35	F	20-Nov-17	N	3	7	6	18-Oct-17	N	N	MENINGITIS	12248	15	UP	Index of C-1
27	KHIORANGI *	4	ORANGI	UC-12	SD/75/17/033	30-Sep-17	34	F	27-Nov-17	N	3	7+	6	19-Sep-17	N	N	HYPOKALEMIA / VIRAL FEVER				Index of C-3

* 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 Pending for genomic sequencing

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	01	01	01	11-June-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	06	13	06	09-Nov-17

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

* Afp.rec Data as of 11-12-2017

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	1	68	8	286	34%	0	848	100%
October	874	602	3	3	51	6	216	25%	0	869	99%
November	481	283	44	17	14	3	129	27%	1	426	89%
Pakistan	8714	6088	47	21	443	5	2118	24%	6	8572	98%

*Data as of 11-12-2017

Comparison of Environmental Sampling Results, 2016-17*

DISTRICT	2016					2017					Last
	TOTAL	WILD				TOTAL	WILD				
		GRAB	BMFS	TOTAL			GRAB	BMFS	TOTAL		
				n	%				n	%	
LAHORE	58	2	1	3	5%	57			0	0%	18-Oct-16
MULTAN	34	2		2	6%	32	1		1	3%	9-Jan-17
DGKHAN	31	1		1	3%	33			0	0%	12-May-16
RAWALPINDI	25	3	1	4	16%	24	6	2	8	33%	10-Oct-17
FAISALABAD	35	1	1	2	6%	21			0	0%	2-Jul-16
SARGODHA *				0		10			0	0%	
BAHAWALPUR *				0		10			0	0%	
CDA	11			0	0%	11	5		5	45%	10-Jul-17
KHIGIQBAL	25	1	1	2	8%	24	5	1	6	25%	10-Oct-17
KHIGADAP	34	4		4	12%	32	18		18	56%	12-Oct-17
KHIBALDIA	23	1		1	4%	10	1		1	10%	8-Aug-17
KHILANDHI	5			0	0%	11	6		6	55%	16-Nov-17
KHIKORANGI *				0		11	1		1	9%	16-Oct-17
KHISITE *	1			0		11	4		4	36%	1-Nov-17
SUKKUR	27	2	1	3	11%	29	1	1	2	7%	19-Sep-17
HYDERABAD	17	1		1	6%	11			0	0%	5-Jan-16
JACOBABAD	15		3	3	20%	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%	24	5	2	7	29%	10-Nov-17
DIKHAN	46	1		1	2%	21			0	0%	16-Jul-16
BANNU *				0		8			0	0%	
KOHAT *				0		9			0	0%	
CHARSADA *				0		11			0	0%	
MARDAN *				0		11			0	0%	
NOWSHERA *				0		11			0	0%	
KABDULAH	23	6		6	26%	22	13		13	59%	15-Oct-17
QUETTA	55	13		13	24%	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 *				0		11	3		3	27%	17-Nov-17
ZHOB *				0		10			0	0%	
PAKISTAN	512	51	9	60	12%	587	87	8	95	16%	17-Nov-17

* New addition in Env Surveillance Network **2017 – 21 Environmental samples are under process)**

New Positive Samples

* Data as of December 11, 2017

WPV and cVDPV Cases by District in 2017

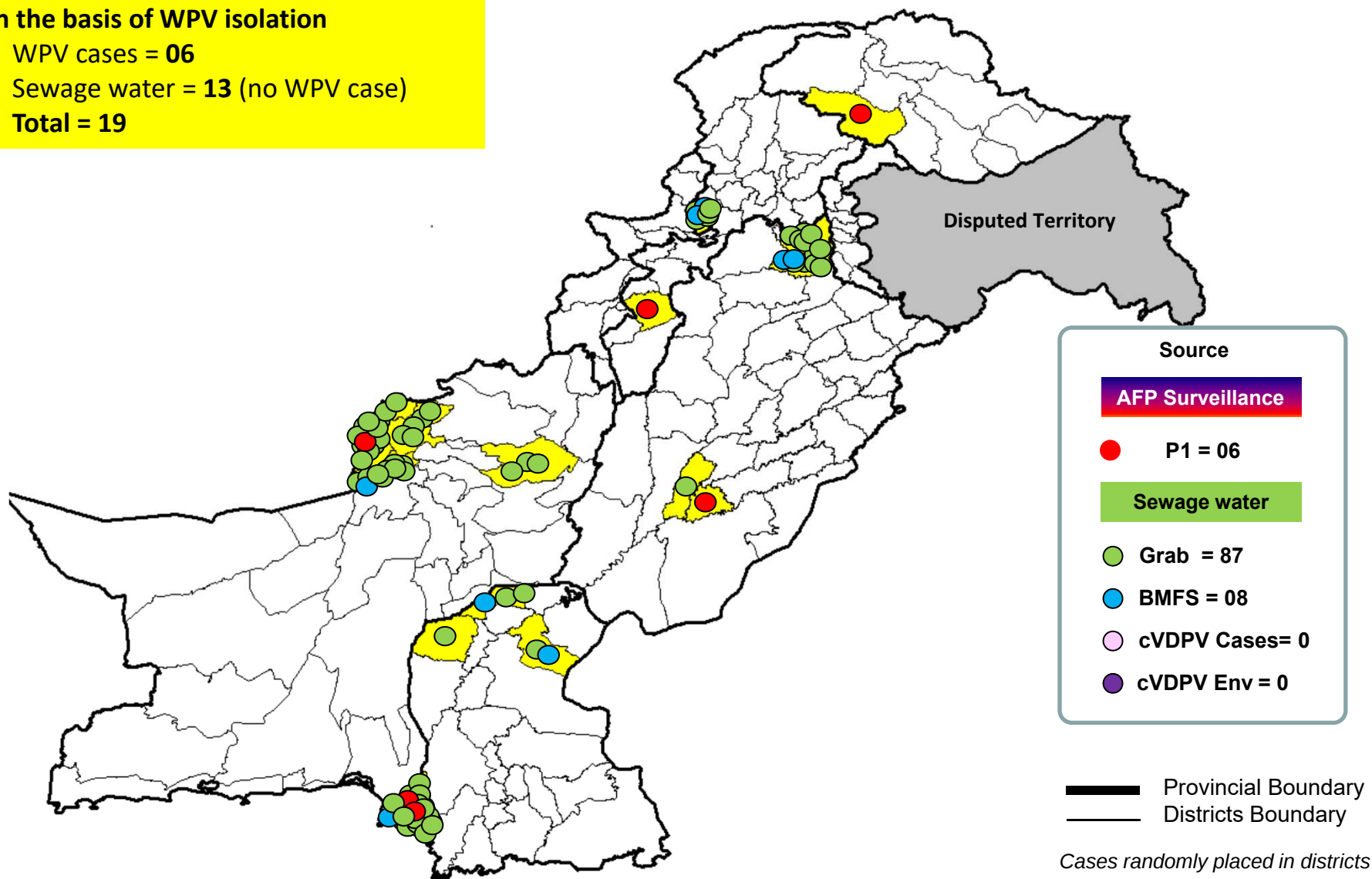
PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KPAKHTUNKHWA	LAKKIMRWT	21-Aug	1		
Total		21-Aug	01		
SINDH	KHIGADAP	09-Nov	1		
	KHIGIQBAL	11-Aug	1		
Total		09-Nov	02		
BALUCHISTAN	KABDULAH	11-June	1		
Total		11-June	01		
G-Baltistan	DIAMIR	13-Feb	1		
Total		13-Feb	01		
PUNJAB	LODHRAN	28-Jan	1		
Total		28-Jan	01		
PAKISTAN		09-Nov	06		

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

Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

- WPV cases = 06
- Sewage water = 13 (no WPV case)
- Total = 19



* Afp.rec Data as of 11-12-2017

Districts/Towns with Wild Polio Cases = 06

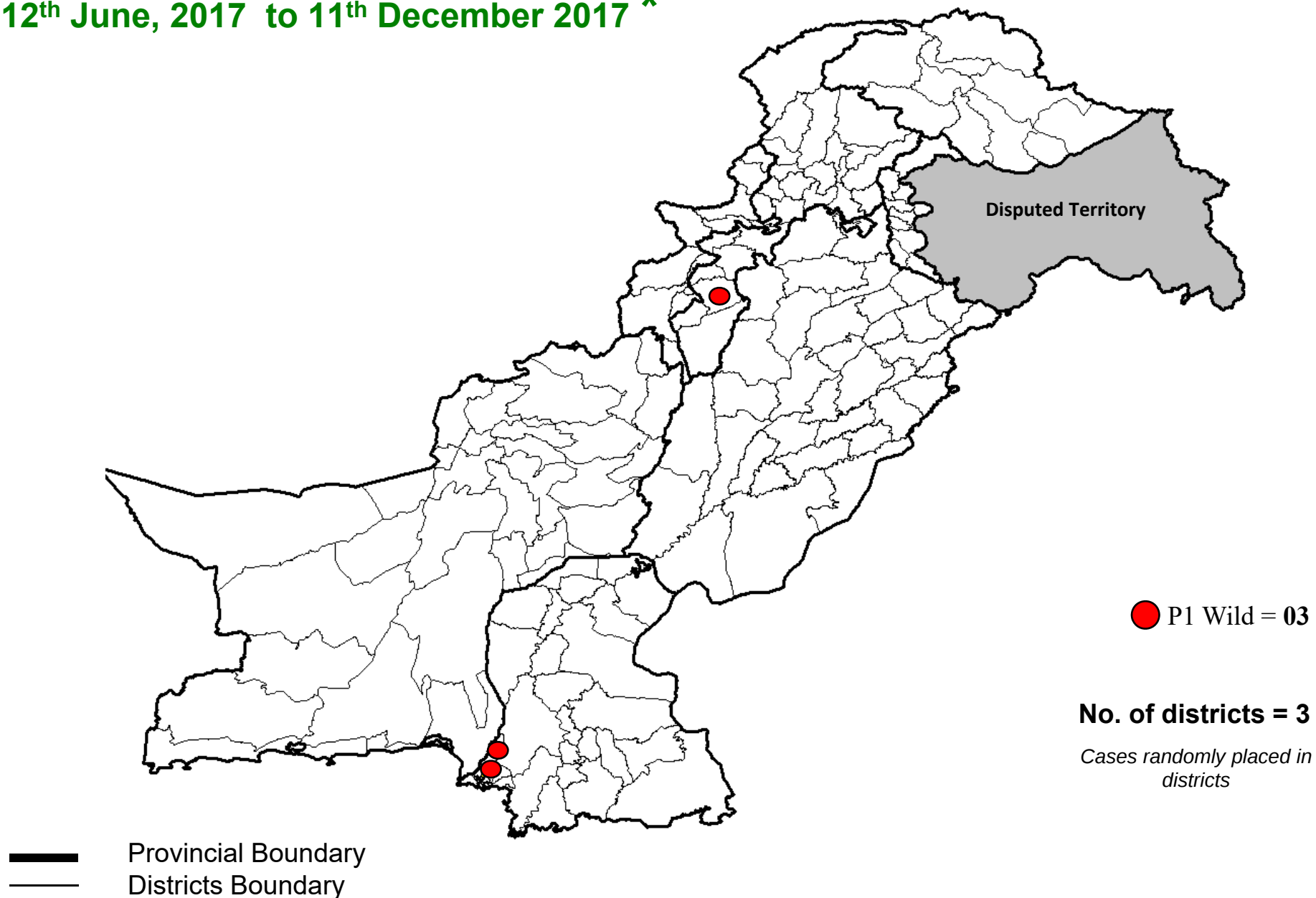


 District with last polio case in province
 Provincial Boundary
 Districts Boundary
 Cases randomly placed in districts

* Afp.rec Data as of 11-12-2017

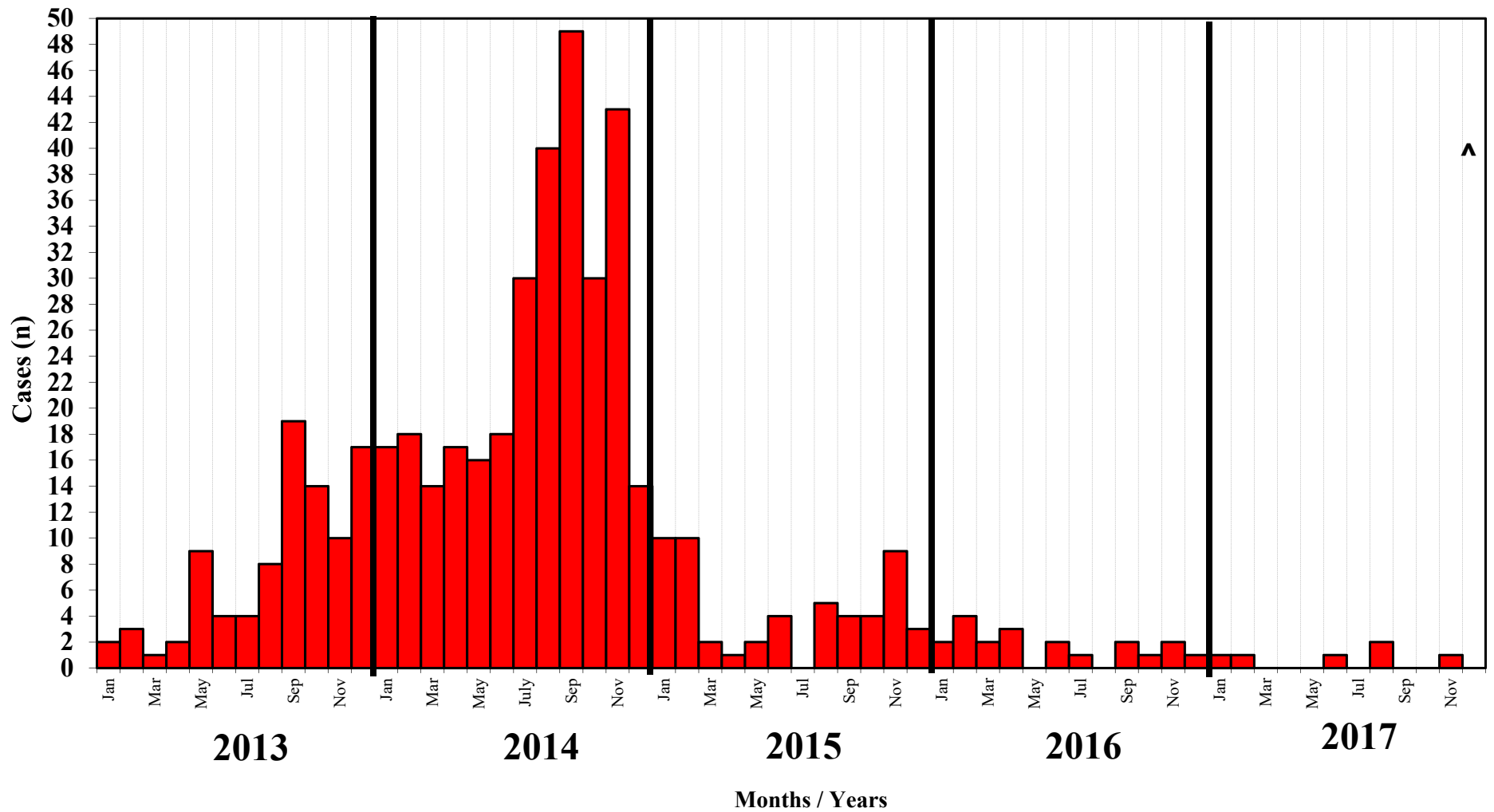
Map 3: Wild Polio cases in the last 6 months

12th June, 2017 to 11th December 2017 *



* Afp.rec Data as of 11-12-2017

Confirmed Polio Cases 2013-2017*

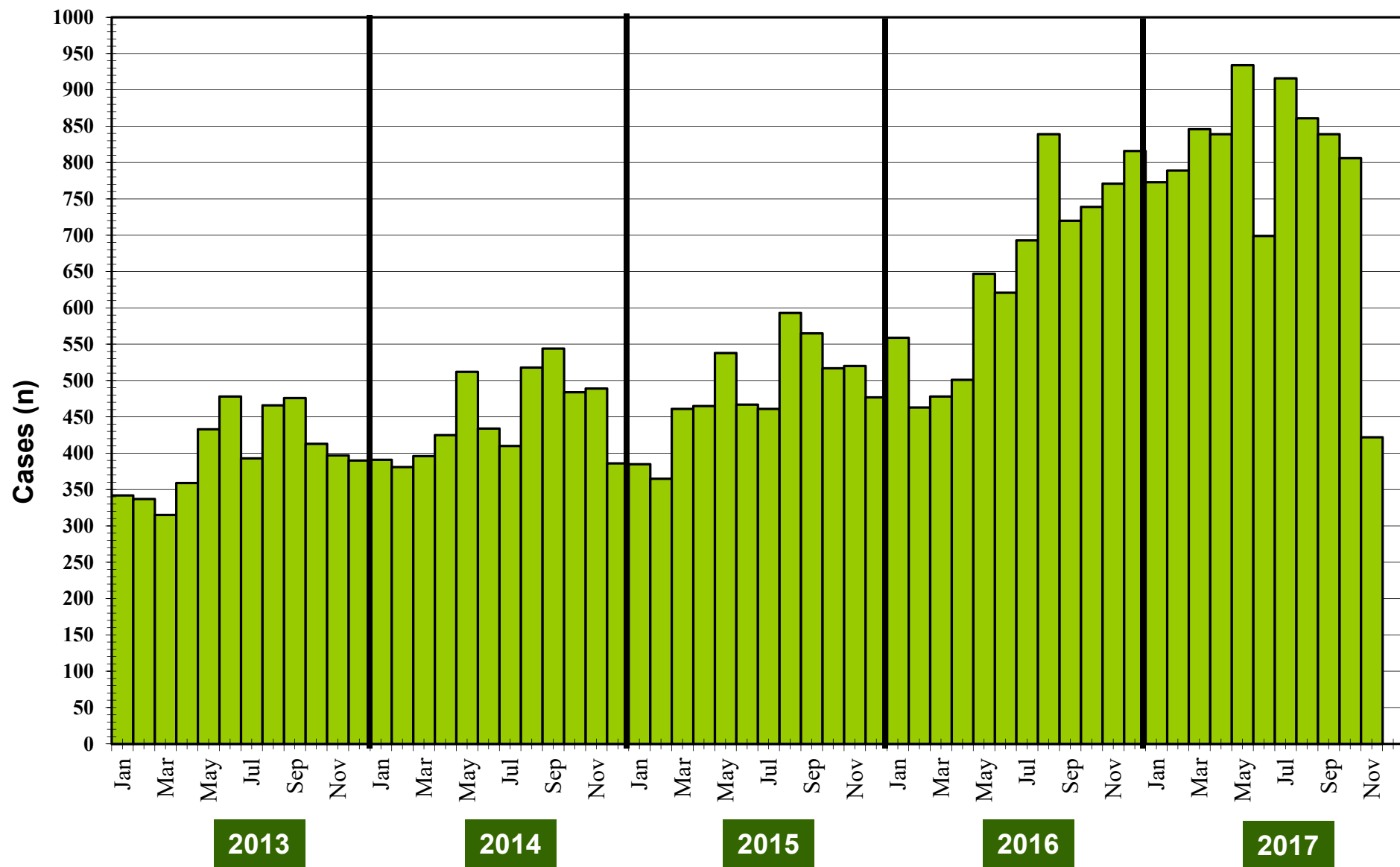


■ NSL1

^ Data incomplete

* Afp.rec Data as of 11-12-2017

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



* Afp.rec Data as of 11-12-2017

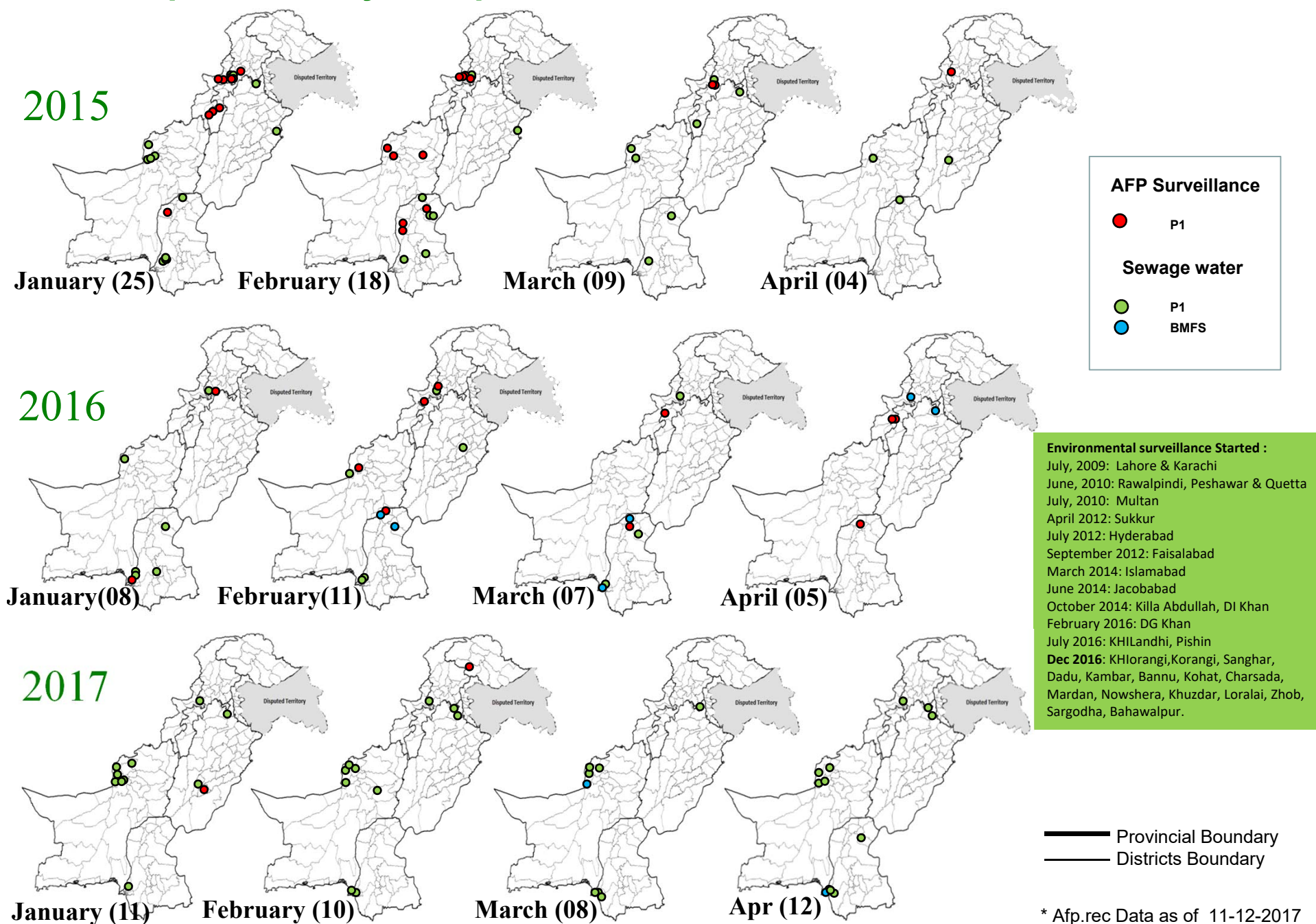
**Table 4: Distribution of AFP Cases By Week of Onset ^
Pakistan- 2017* [Week number / Ending on]**

PROVINCE	W 34 26 Aug 2017	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
PUNJAB	88	76	83	77	71	77	78	72	82	69	54	58	67	35	2
SINDH	40	24	46	43	51	26	62	38	38	49	48	30	48	34	4
FATA	16	11	7	21	19	11	14	12	11	9	7	9	12	9	0
BALUCHISTAN	11	10	14	18	14	14	13	8	11	12	7	8	8	1	0
AJK	2	2	4	3	2	5	8	5	8	3	5	4	3	1	0
GILGIT BILTISTAN	2	0	1	5	2	2	1	4	0	1	0	0	2	0	0
ISLAMABAD	3	2	5	2	2	0	4	5	3	3	2	4	0	1	0
KPAKHTUNKHWA	40	38	53	56	47	47	54	45	47	50	55	37	32	25	2
PAKISTAN	202	163	213	225	208	182	234	189	200	196	178	150	172	106	8

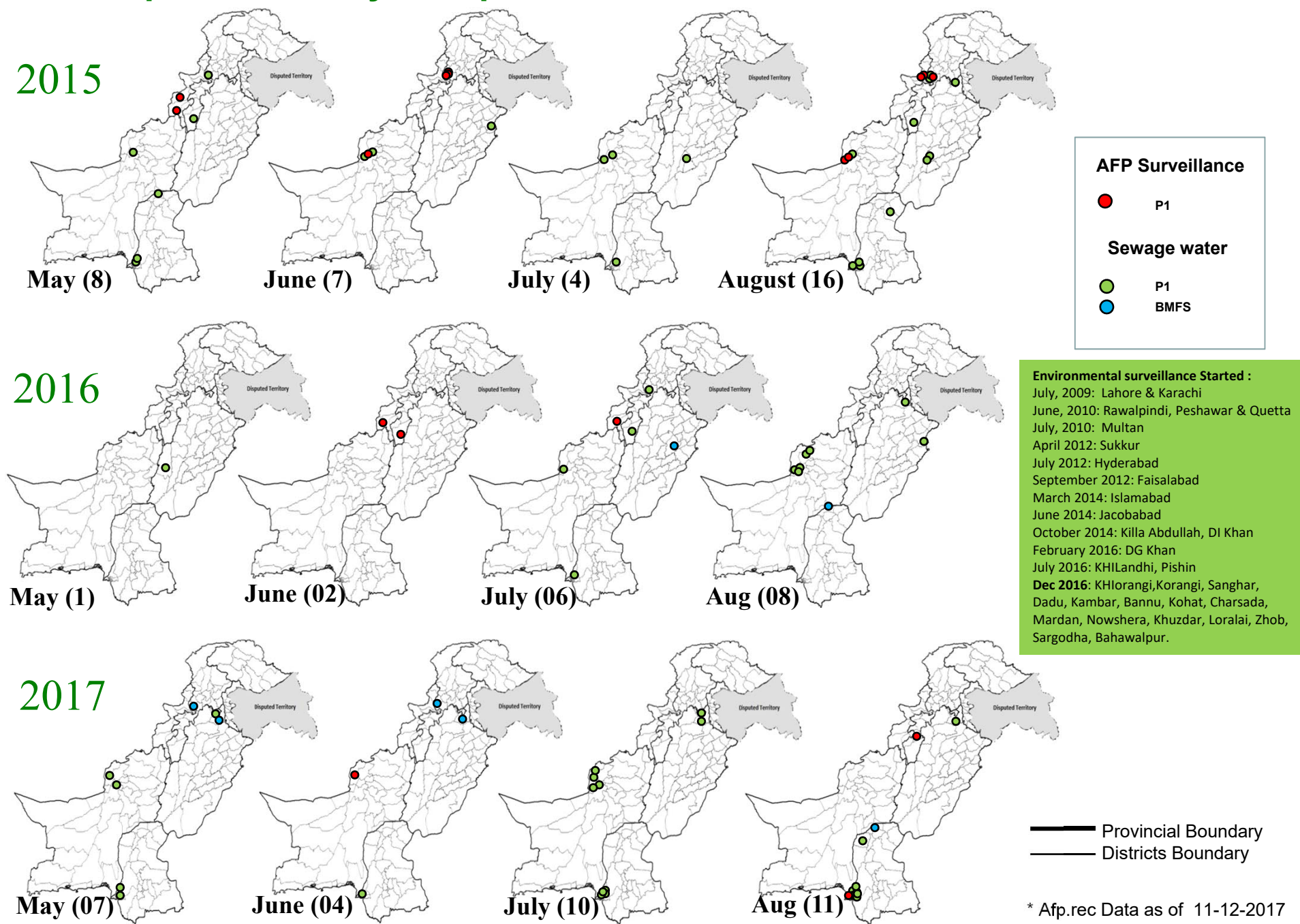
* Afp.rec & Afplab.rec: Data as of 11-12-2017

^ MMWR Epidemiological Weeks

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

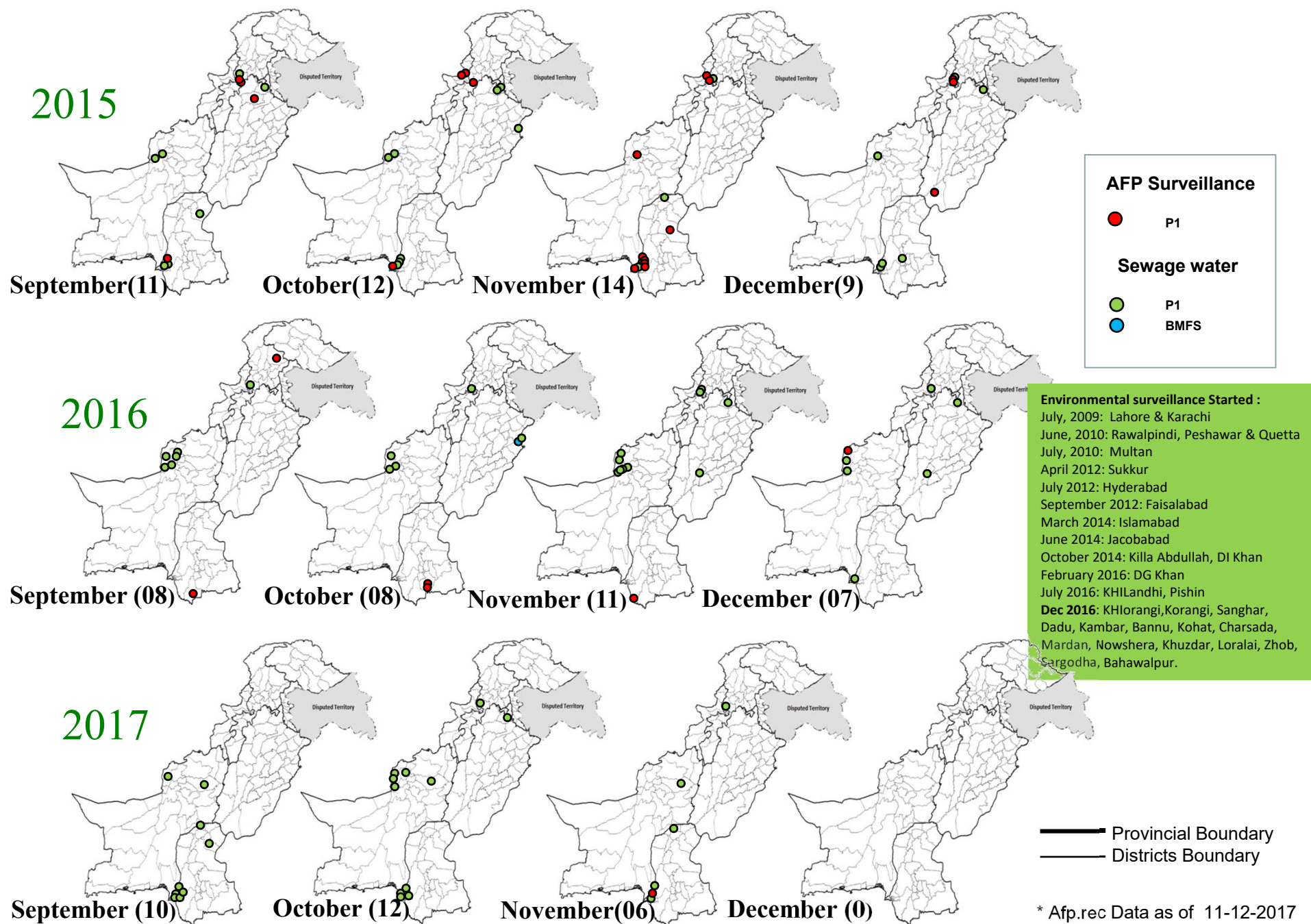


Map 4.1: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 11-12-2017

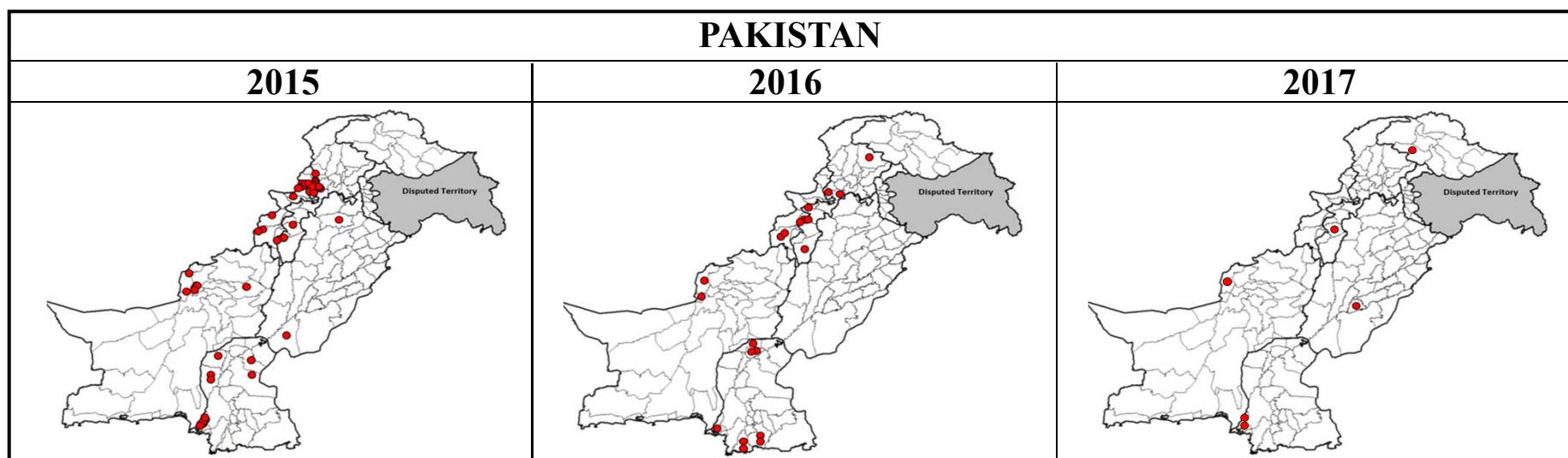
Map 4.2: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 11-12-2017

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	01
AJK	-	-	-
Gilgit-Baltistan	-	-	01
ISLAMABAD	-	-	-
PAKISTAN	54	20	06

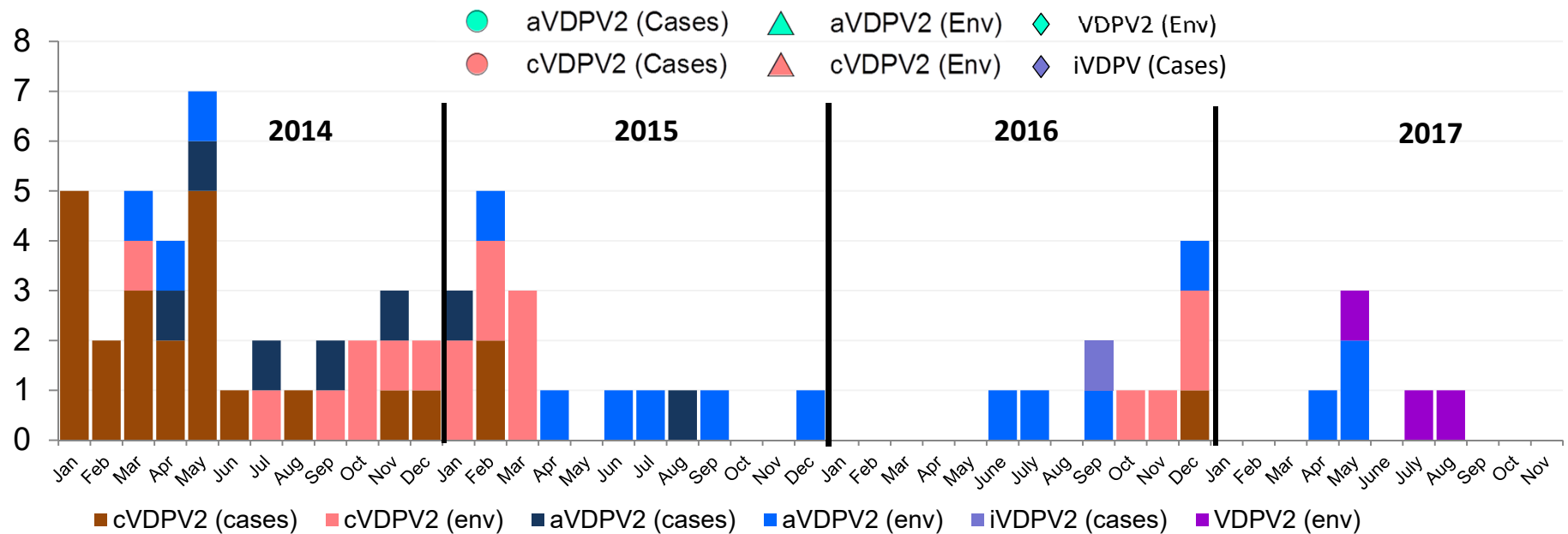
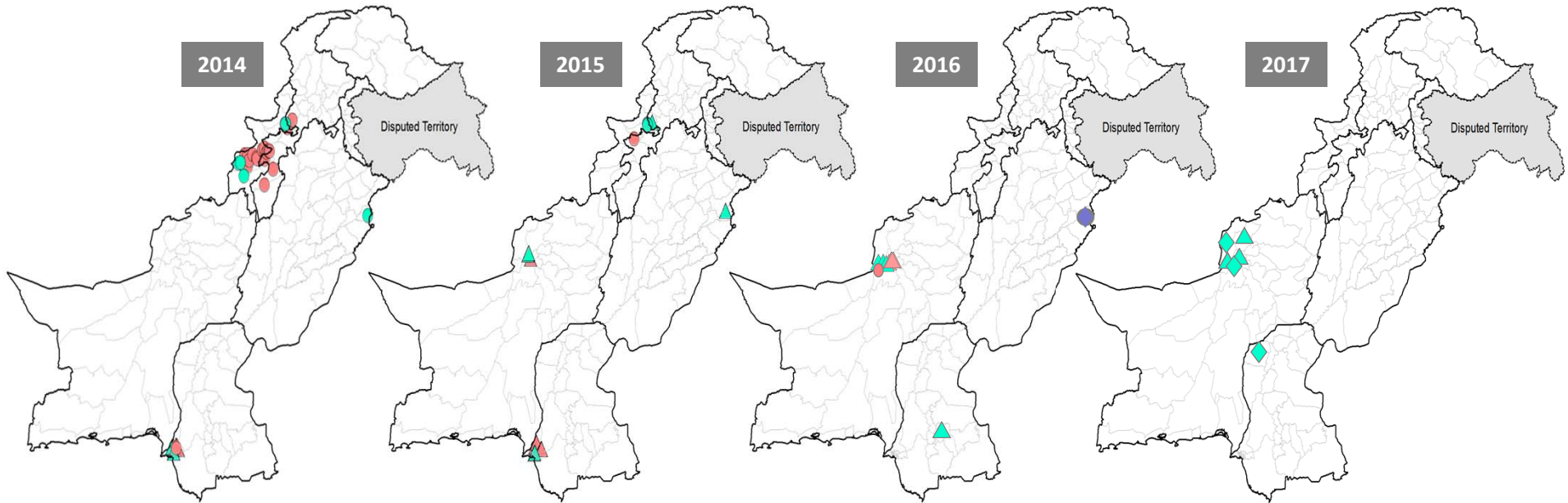


* Afp.rec Data as of 11-12-2017

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	Env	Cases	Env	Cases	Env	Cases	Env	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	

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



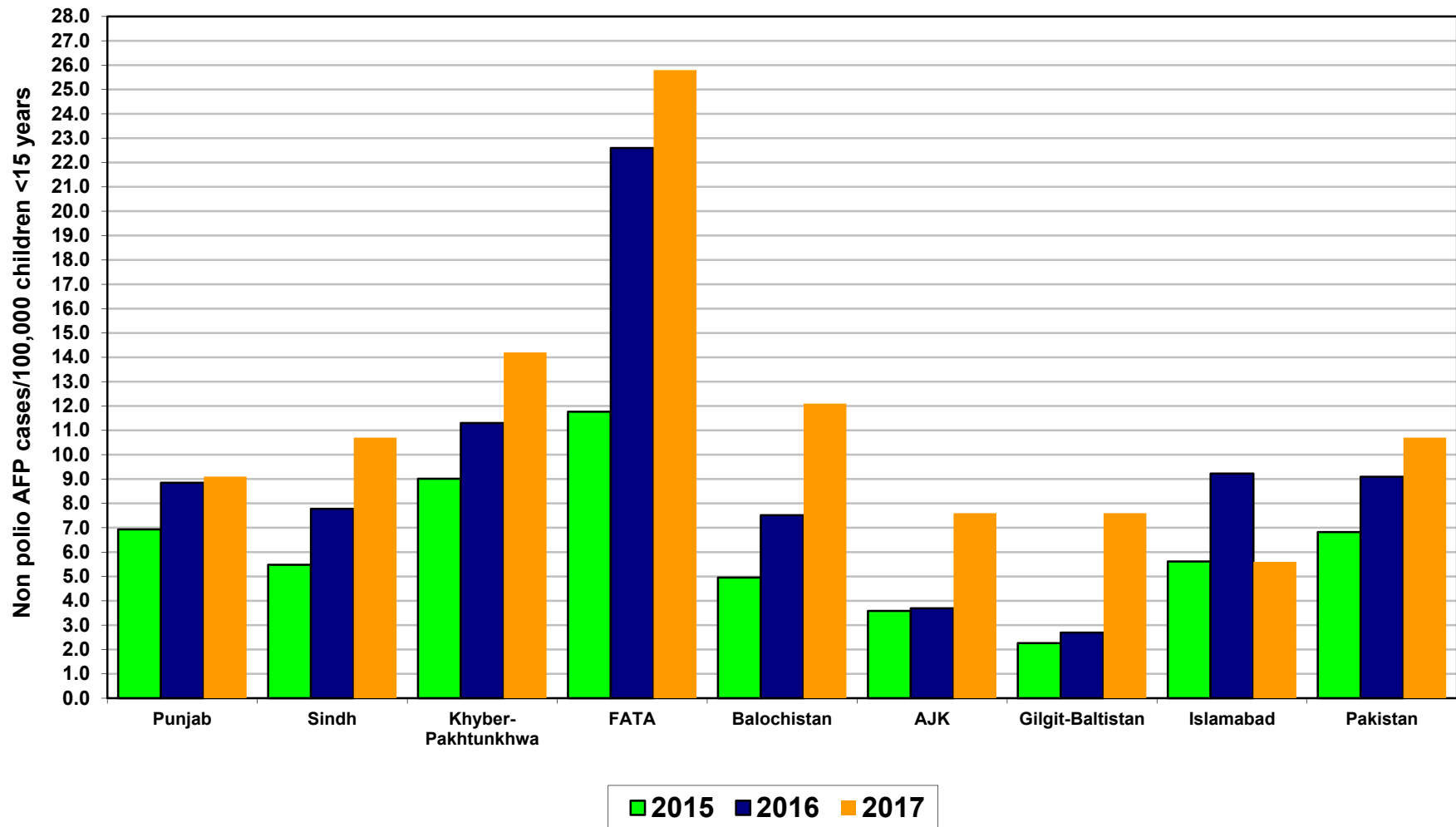
* Afp.rec Data as of 11-12-2017

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%	98%
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%	91%
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%	6%	14%	3%	4%	0%	3%	2%	17%	10%	10%	57%	83%	78%
Quetta Block	3%	1%	1%	15%	1%	2%	9%	4%	4%	12%	10%	7%	61%	83%	86%
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%	94%

* Afp.rec Data as of 11-12-2017

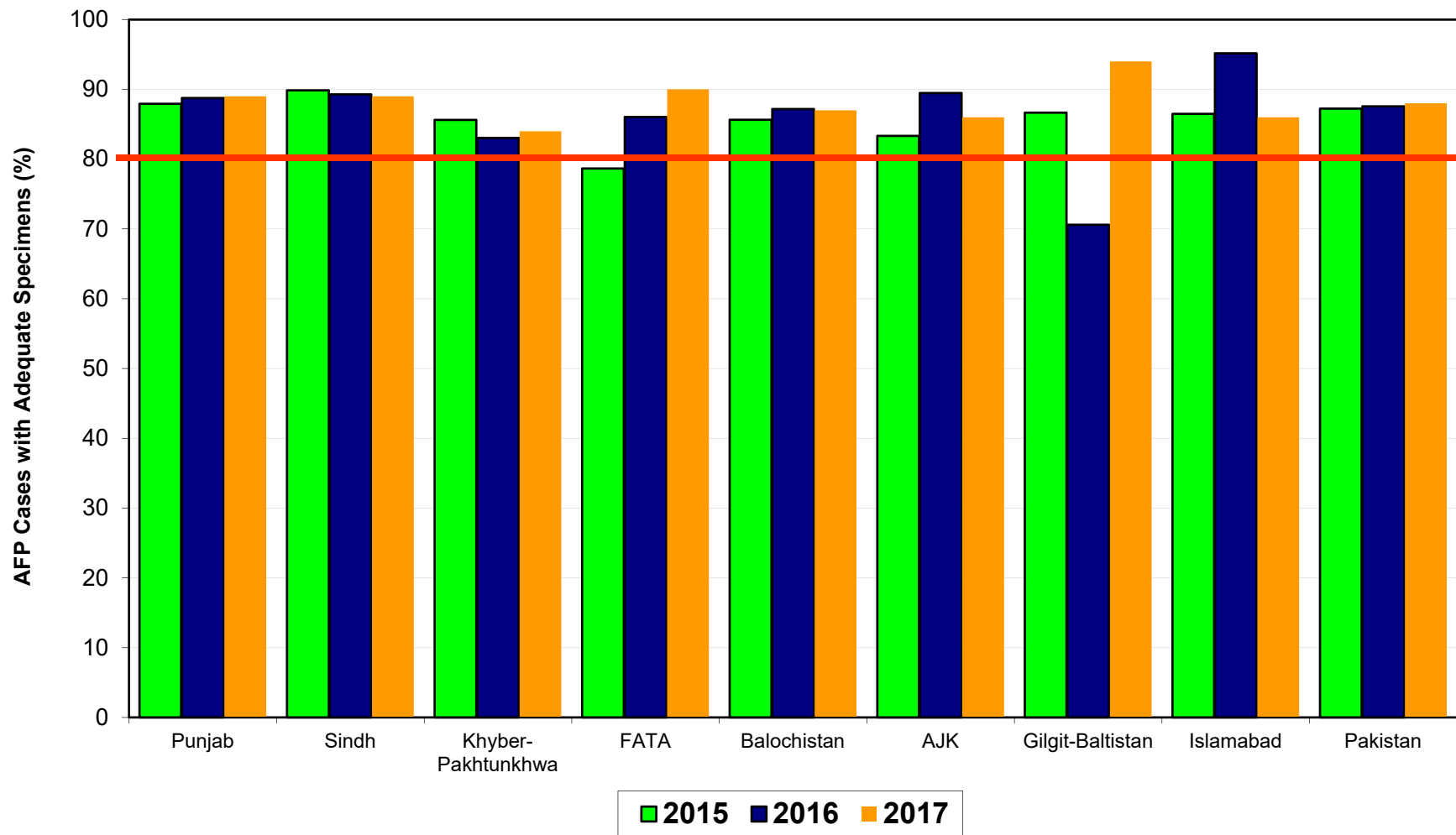
Non Polio AFP Rate By Province/Regions, 2015-2017*



* Afp.rec Data as of 11-12-2017

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

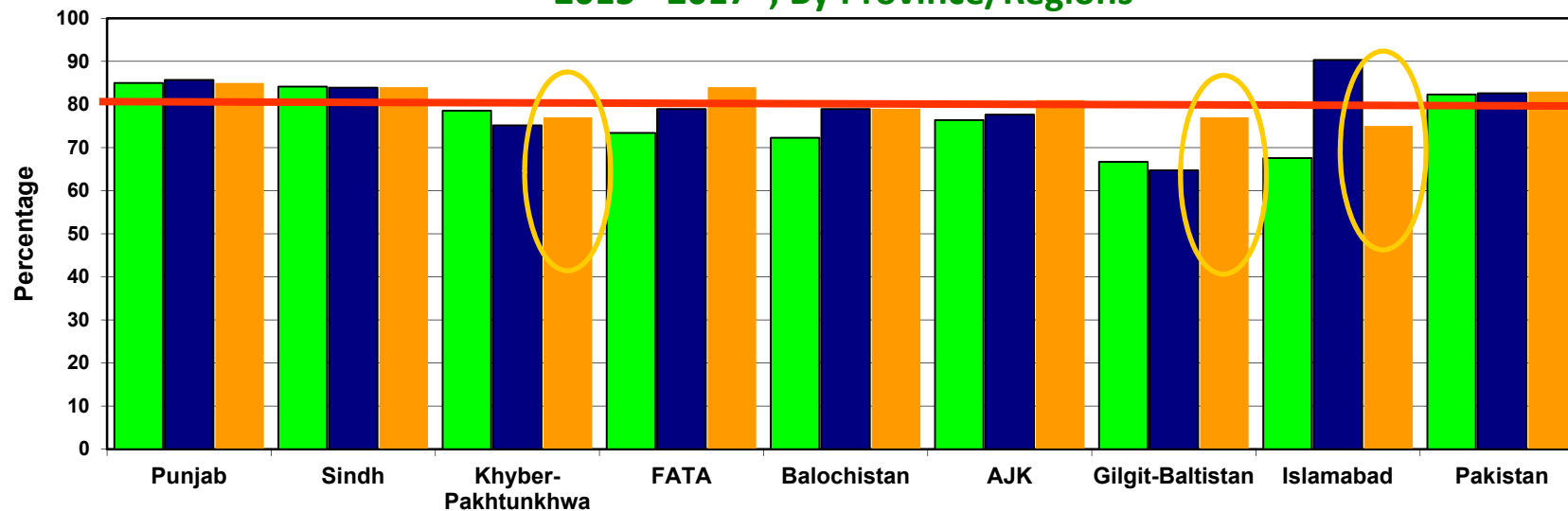
Percent AFP Cases with Adequate Specimens By Province/Regions, 2015-2017*



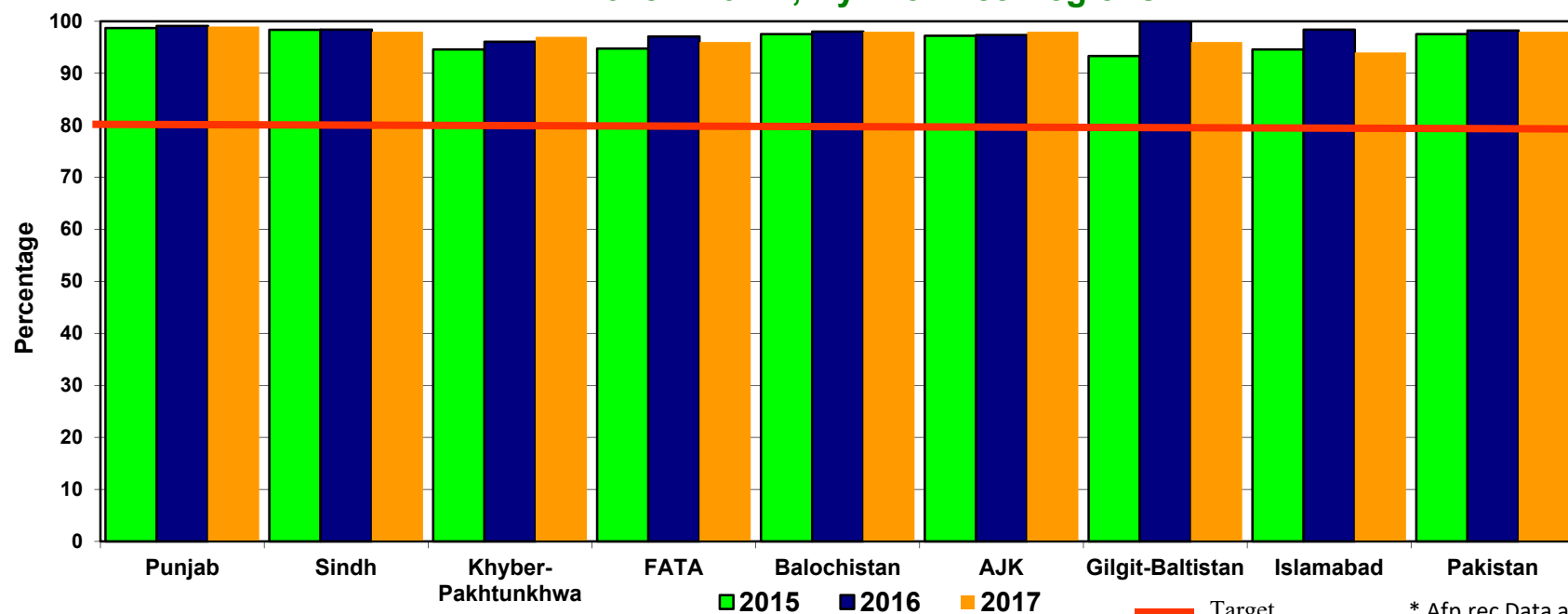
* Afp.rec Data as of 11-12-2017

— Target Adequate Sample cases = 80%

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

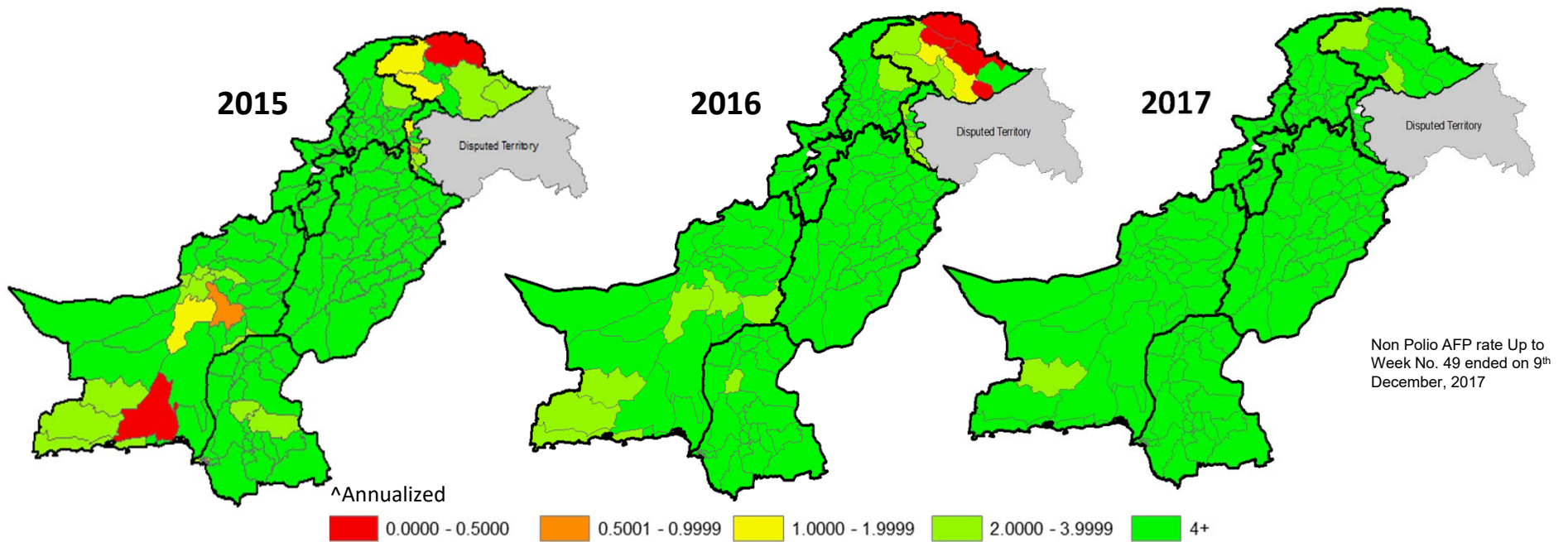


**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2015 ~ 2017*; By Province/Regions**

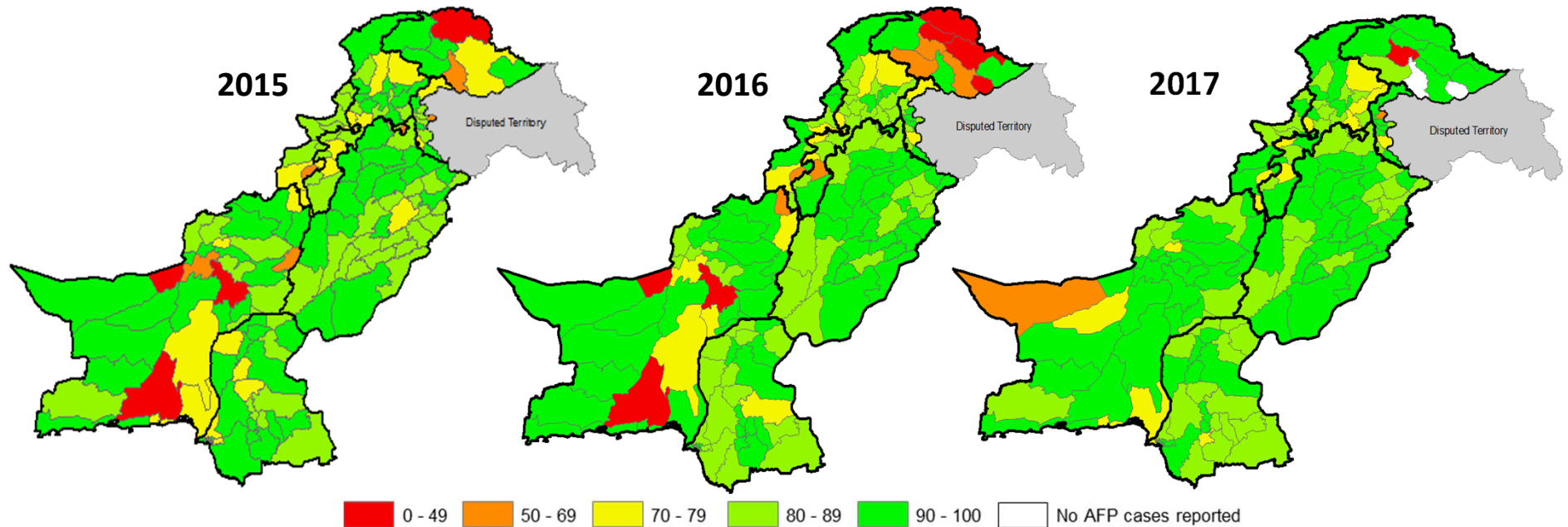


* Afp.rec Data as of 11-12-2017

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	BAHAWALNAGAR	PB/73/17/086	M	24	06-07-17	7+	LATE NOTIFIED			Y	Y	N		158
2	BHAKKAR	KALUR KOT	PB/44/17/035	M	168	24-07-17	7+	12-08-17	13-08-17	NVI	Y	N	Y	Y	140
3	BHAKKAR	BHAKKAR	PB/44/17/043	M	96	07-09-17	7+	23-09-17	24-09-17	NVI	N	N	Y	Y	95
4	CHAKWAL	TALA GANG	PB/13/17/040	M	66	16-08-17	7+	25-08-17		NVI	Y	N	Y	Y	117
5	CHAKWAL	CHAKWAL	PB/13/17/047	M	12	03-07-17	7+	03-10-17	05-10-17	NVI	Y	Y	UK	Y	161
6	DGKHAN	DGKHAN	PB/81/17/146	M	120	27-08-17	7+				N	N	Y	Y	106
7	DGKHAN	TAUNSA	PB/81/17/148	M	9	07-08-17	7+	07-09-17	08-09-17	EV	Y	Y	Y	Y	126
8	DGKHAN	DGKHAN	PB/81/17/175	M	18	20-07-17	7+				Y	Y	Y	Y	144
9	DGKHAN	DGKHAN	PB/81/17/178	M	20	09-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	124
10	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3				Y	Y	UK	Y	202
11	FAISALABAD	TANDLIAN WALA	PB/51/17/151	M	84	28-07-17	7+	14-08-17	16-08-17	EV	N	N	Y	Y	136
12	FAISALABAD	FAISALABAD CITY	PB/51/17/198	F	108	03-09-17	7+	22-09-17	23-09-17	EV	Y	N	Y		99
13	FAISALABAD	FAISALABAD CITY	PB/51/17/201	F	20	22-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	142
14	FAISALABAD	FAISALABAD SADAR	PB/51/17/208	F	30	10-09-17	7+	10-10-17	11-10-17	NVI	Y	N	N		92
15	FAISALABAD	JARANWALA	PB/51/17/203	M	39	02-09-17	7+	28-09-17	29-09-17	EV	Y	Y	Y		100
16	FAISALABAD	FAISALABAD SADAR	PB/51/17/209	M	11	04-08-17	7+	LATE NOTIFIED			N	Y	Y		129
17	GUJRANWALA	WAZIRABAD	PB/21/17/164	F	144	17-08-17	7+	10-09-17	12-09-17	EV	N	Y	Y	Y	116
18	GUJRANWALA	WAZIRABAD	PB/21/17/171	M	96	09-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y	Y	124
19	GUJRAT	KHARIAN	PB/23/17/097	M	99	11-09-17	5	06-10-17	07-10-17	NVI	N	Y	Y		91
20	HAFIZABAD	PINDI BHATTIAN	PB/22/17/053	F	156	28-07-17	7+	10-08-17	12-08-17	NVI	N	N	Y	Y	136
21	HAFIZABAD	PINDI BHATTIAN	PB/22/17/060	F	36	18-08-17	7+	25-08-17		NVI	Y	N	Y	DIED	115
22	HAFIZABAD	HAFIZABAD	PB/22/17/064	F	9	17-08-17	7+	09-09-17	10-09-17	NVI	Y	Y	N	Y	116
23	JHANG	ATHARA HAZARI	PB/53/17/082	M	168	29-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	104
24	JHANG	SHORKOT	PB/53/17/086	M	17	30-06-17	7+				Y	Y	Y		164
25	JHELMUM	PIND DADAN KHAN	PB/14/17/040	M	36	20-07-17	7+	LATE NOTIFIED			N	N	Y	Y	144
26	KASUR	PATTOKI	PB/32/17/087	M	148	28-07-17	7+				Y	N	Y		136
27	KASUR	PATTOKI	PB/32/17/090	M	14	10-07-17	7+				Y	Y	Y		154
28	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	131
29	KHANEWAL	KABIRWALA	PB/62/17/061	F	1	01-07-17	1	11-08-17	12-08-17	NVI	N	N	Y	Y	163
30	KHANEWAL	KABIRWALA	PB/62/17/070	M	1	20-08-17	0	13-09-17	15-09-17	NVI	N	N	N	Y	113
31	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	135
32	LAHORE	SHALAMAR TOWN	PB/31/17/205	M	203	04-09-17	7+	23-09-17	24-09-17	EV	Y	Y	Y		98
33	LAHORE	RAVI TOWN	PB/31/17/204	M	18	20-07-17	7+				Y	Y	Y	Y	144
34	LAHORE	NISHTAR TOWN	PB/31/17/211	F	7	04-05-17	7+	LATE NOTIFIED			Y	Y	Y	Y	221
35	LAYYAH	KAROR LAL ESAN	PB/84/17/063	M	84	02-08-17	7+	15-09-17	16-09-17	NVI	Y	Y	Y		131
36	LODHAN	LODHAN	PB/64/17/053	F	36	26-07-17	7+	21-08-17	23-08-17	NVI	Y	N	Y	Y	138
37	MBDIN	MANDI BAHAUDDIN	PB/24/17/038	M	132	20-08-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	113
38	MBDIN	MANDI BAHAUDDIN	PB/24/17/027	F	4	03-07-17	5				N	Y	Y	DIED	161
39	MBDIN	MALAKWAL	PB/24/17/052	F	60	25-08-17	7+	LATE NOTIFIED			Y	N	N	Y	108
40	MIANWALI	MIANWALI	PB/43/17/051	F	9	30-07-17	7+	01-08-17		NVI	Y	N	Y	DIED	134
41	MIANWALI	MIANWALI	PB/43/17/063	M	24	03-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	99
42	MULTAN	JALALPUR PIRWALA	PB/61/17/095	F	36	24-07-17	7+	27-07-17		EV	Y	N	Y	DIED	140

* Afp.rec Data as of 11-12-2017

€ 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	MULTAN	MULTAN CITY	PB/61/17/103	F	42	08-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	125
44	MULTAN	MULTAN CITY	PB/61/17/123	M	12	23-08-17	7+	27-09-17	29-09-17	NVI	N	Y	Y	Y	110
45	MUZFARGARH	KOT ADDU	PB/83/17/178	M	21	05-08-17	7+	26-08-17	28-08-17	EV	Y	Y	Y	Y	128
46	MUZFARGARH	JATOI	PB/83/17/180	M	23	02-08-17	7+	28-08-17	29-08-17	EV	N	N	Y	Y	131
47	MUZFARGARH	JATOI	PB/83/17/182	M	36	27-07-17	7+	28-08-17	29-08-17	EV	N	Y	Y	Y	137
48	MUZFARGARH	MUZFARGARH	PB/83/17/222	M	37	06-08-17	7+	LATE NOTIFIED			Y	N	Y		127
49	MUZFARGARH	KOT ADDU	PB/83/17/194	M	49	03-09-17	7+	20-09-17	21-09-17	EV	Y	N	Y		99
50	MUZFARGARH	MUZFARGARH	PB/83/17/197	F	18	25-08-17	7+	22-09-17	23-09-17	VACC	N	Y	Y		108
51	MUZFARGARH	KOT ADDU	PB/83/17/201	M	3	19-07-17	2	LATE NOTIFIED			N	Y	Y		145
52	MUZFARGARH	JATOI	PB/83/17/238	M	4	10-08-17	5				Y	N	UK		123
53	MUZFARGARH	MUZFARGARH	PB/83/17/230	F	24	21-06-17	7+				Y	Y	Y		173
54	INAROWAL	SHAKARGARH	PB/26/17/039	F	36	05-08-17	7+	20-09-17	21-09-17	EV	Y	Y	Y	Y	128
55	INAROWAL	INAROWAL	PB/26/17/044	M	30	08-09-17	7+	10-10-17	13-10-17	EV	Y	N	Y		94
56	OKARA	RENALA KHURD	PB/34/17/104	F	22	29-08-17	7+	LATE NOTIFIED			Y	Y	Y		104
57	PAKPATTEN	PAKPATTAN	PB/66/17/044	M	17	07-07-17	7+	19-07-17	26-07-17	EV	N	Y	Y	Y	157
58	RAJANPUR	ROJHAN	PB/82/17/094	M	84	10-08-17	7+	27-08-17	28-08-17	NVI	Y	Y	Y		123
59	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	242
60	RAJANPUR	ROJHAN	PB/82/17/104	F	42	10-09-17	7+	DIED BEFORE STOOL			Y	N	N	Y	DIED 92
61	RAJANPUR	RAJANPUR	PB/82/17/098	F	96	06-08-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y		127
62	RAJANPUR	ROJHAN	PB/82/17/111	M	60	30-08-17	7+	07-10-17	08-10-17	NVI	N	Y	Y		103
63	RAJANPUR	JAMPUR	PB/82/17/109	M	36	25-08-17	7+	07-10-17	08-10-17	EV	N	Y	Y		108
64	RAWALPINDI	RAWALPINDI	PB/11/17/161	M	33	22-08-17	7+	22-09-17	24-09-17	NVI	N	N	N	DIED	111
65	RAWALPINDI	RAWALPINDI	PB/11/17/166	F	42	08-09-17	7+	29-09-17	01-10-17	EV	Y	N	UK		94
66	RAWALPINDI	RAWALPINDI	PB/11/17/155	M	30	24-08-17	7+	14-09-17	15-09-17	EV	N	N	N	Y	109
67	RAWALPINDI	RAWALPINDI	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	129
68	RYKHAN	RAHIM YAR KHAN	PB/72/17/172	M	72	22-08-17	7+	23-08-17		NVI	Y	N	Y	DIED	111
69	RYKHAN	KHANPUR	PB/72/17/206	M	30	01-09-17	7+	15-10-17	16-10-17	NVI	N	Y	Y	Y	101
70	SAHIWAL	SAHIWAL	PB/65/17/078	M	36	21-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y		112
71	SIALKOT	SIALKOT	PB/25/17/069	M	18	24-07-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y	Y	140
72	SIALKOT	SIALKOT	PB/25/17/073	F	110	31-08-17	7+	12-09-17	15-09-17	NVI	N	Y	Y	Y	102
73	TTTSINGH	KAMALIA	PB/52/17/077	F	1	29-06-17	0	21-07-17	22-07-17		N	Y	Y		165
74	TTTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	125
75	VEHARI	VEHARI	PB/63/17/057	F	24	11-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	91
76	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+	LATE NOTIFIED			N	N	N	Y	177
77	JAMSHORO	SEHWAN	SD/25/17/028	F	96	28-08-17	7+	02-10-17	03-10-17	NVI	N	N	Y	Y	105
78	KASHMORE	KANDHKOT	SD/54/17/028	M	24	17-07-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	147
79	KHIGADAP	GADAP	SD/63/17/039	F	42	29-08-17	7+	19-09-17	20-09-17	EV	N	Y	Y	Y	104
80	KHIGADAP	GADAP	SD/63/17/036	M	108	20-08-17	7+	29-08-17		NVI	N	N	N	Y	DIED 113
81	KHIGADAP	GADAP	SD/63/17/043	F	36	10-09-17	7+	24-09-17	25-09-17	EV	Y	N	Y		92
82	KHILANDHI	LANDHI	SD/69/17/048	M	120	02-09-17	7+	26-10-17	27-10-17	EV	Y	Y	Y	Y	100
83	KHILIAQAT	LIAQATABAD	SD/70/17/019	F	10	22-07-17	7+	28-10-17	29-10-17	NVI	Y	Y	Y		142
84	MATIARI	MATIARI	SD/28/17/027	M	48	07-09-17	7+	29-09-17	30-09-17	NVI	Y	N	Y	Y	95

* Afp.rec Data as of 11-12-2017

€ 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	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
85	SANGHAR	TANDO ADAM	SD/32/17/040	M	5	25-07-17	7+	13-08-17	15-08-17	VACC	Y	N	Y	Y	139
86	SHIKARPUR	LAKHI	SD/52/17/047	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	N	Y	Y	Y	113
87	SHIKARPUR	GARHI YASIN	SD/52/17/051	F	36	15-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	149
88	SHIKARPUR	SHIKARPUR	SD/52/17/054	M	60	09-09-17	7+	14-10-17	16-10-17	NVI	Y	Y	Y	Y	93
89	SUJAWAL	SHAH BUNDER	SD/79/17/071	M	48	07-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	95
90	SUJAWAL	JATI	SD/79/17/069	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	Y	Y	Y	Y	113
91	SUJAWAL	JATI	SD/79/17/070	M	36	19-08-17	7+	26-09-17	27-09-17	NVI	Y	N	Y	Y	114
92	SUJAWAL	SHAH BUNDER	SD/79/17/078	M	36	08-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	125
93	BANNU	BANNU	KP/61/17/027	F	52	01-09-17	7+	15-09-17	16-09-17	NVI	N	Y	UK	Y	101
94	BANNU	BANNU	KP/61/17/036	F	6	27-04-17	1	LATE NOTIFIED			UK	N	UK	Y	228
95	BATAGRAM	ALLAI	KP/11/17/027	M	96	30-08-17	7+	09-09-17		NVI	Y	Y	Y	Y	103
96	DIKHAN	PAROVA	KP/60/17/025	F	72	07-09-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	95
97	DIKHAN	DIKHAN	KP/60/17/044	M	28	03-09-17	7+	LATE NOTIFIED			N	Y	Y	Y	99
98	DIRUPPER	DIR	KP/25/17/024	F	72	06-06-17	7+	13-07-17	14-07-17	NVI	Y	N	Y	Y	188
99	HANGU	HANGU	KP/54/17/036	F	11	04-09-17	7+	09-10-17	10-10-17	NVI	Y	Y	Y	Y	98
100	KARAK	BANDA DAUD SHAH	KP/51/17/057	F	105	28-05-17	7+	LATE NOTIFIED			N	N	Y	Y	197
101	KARAK	KARAK	KP/51/17/058		19	07-06-17	7+				UK	Y	Y	Y	187
102	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	7+				N	Y	UK	Y	158
103	KARAK	TAKHT E NASRATI	KP/51/17/065	F	16	10-06-17	7+				Y	Y	UK	Y	184
104	KOHAT	KOHAT	KP/50/17/033	M	22	08-09-17	7+	03-11-17	04-11-17	NVI	Y	Y	Y		94
105	LAKKIMRWT	LAKKIMRWT	KP/62/17/037	F	5	06-09-17	1	24-09-17	25-09-17	EV	Y	Y	N	Y	96
106	LAKKIMRWT	LAKKIMRWT	KP/62/17/040	F	120	30-08-17	7+	23-09-17		NVI	N	Y	Y		103
107	LAKKIMRWT	LAKKIMRWT	KP/62/17/055	F	1	01-07-17	1	LATE NOTIFIED			Y	N	Y	Y	163
108	LAKKIMRWT	LAKKIMRWT	KP/62/17/058	F	24	02-08-17	7+				N	Y	UK	Y	131
109	MANSEHRA	MANSEHRA	KP/14/17/060	M	96	02-09-17	7+	15-10-17	16-10-17	EV	Y	N	UK		100
110	NOWSHERA	NOWSHERA	KP/32/17/069	F	11	22-08-17	6	18-10-17	19-10-17	NVI	N	Y	N	Y	111
111	PESHAWAR	PESHAWAR	KP/30/17/179	M	22	10-09-17	7+	27-09-17	28-09-17	NVI	N	Y	Y	Y	92
112	SHANGLA	BISHAM	KP/26/17/028	M	11	29-03-17	7+	LATE NOTIFIED			N	Y	Y	Y	257
113	SWABI	LAHORE	KP/41/17/111	F	22	07-08-17	7+	10-11-17	11-11-17	EV	Y	N	N	Y	126
114	BARKHAN	BARKHAN	BN/23/17/013	M	84	28-08-17	7+	07-09-17		NVI	N	N	Y		105
115	CHAGHAI	DALBANDIN	BN/13/17/007	F	14	31-08-17	7+	06-10-17	08-10-17	NVI	Y	Y	Y	Y	102
116	DBGUTI	PHELAWAGH	BN/35/17/010	M	114	22-08-17	7+	05-09-17	07-09-17	NVI	Y	Y	Y		111
117	KABDULAH	CHAMAN	BN/14/17/031	F	84	10-09-17	7+	18-09-17		NVI	Y	N	Y	DIED	92
118	KABDULAH	CHAMAN	BN/14/17/032	M	3	07-08-17	3	23-09-17	24-09-17	EV	Y	Y	N	Y	126
119	KSAIFULAH	MUSMIL BAGH	BN/25/17/009	F	57	20-08-17	7+	22-09-17	23-09-17	EV	Y	Y	Y	Y	113
120	LORALAI	DUKI	BN/22/17/007	F	29	08-09-17	7+	23-09-17	24-09-17	VACC	Y	Y	Y	Y	94
121	INSIRABAD	TAMBOO	BN/41/17/023	F	84	10-09-17	7+	12-09-17		NVI	Y	N	Y	DIED	92
122	WASHUK	BASIMA	BN/57/17/005	F	48	28-08-17	3	25-09-17	26-09-17	EV	Y	N	Y		105
123	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3	DIED BEFORE STOOL			Y	N	Y	DIED	199
124	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+				Y	N	Y	DIED	115
125	HATTIAN	HATTIAN	AJ/90/17/001	F	156	05-03-17	3	30-03-17	31-03-17	NVI	Y	N	Y	Y	281
126	HATTIAN	HATTIAN	AJ/90/17/005	M	174	15-06-17	7+	21-07-17	22-07-17	NVI	N	N	N	Y	179
127	HAVELI	HAVELI	AJ/51/17/002	M	13	18-02-17	7+	24-05-17	25-05-17	EV	N	Y	Y	Y	296

* Afp.rec Data as of 11-12-2017

€ 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	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
128	HAVELI	HAVELI	AJ/51/17/006	M	60	07-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	126
129	KOTLI	KOTLI	AJ/30/17/002	F	156	01-01-17	7+	17-02-17			Y	Y	Y	Y	344
130	KOTLI	NAKIAL	AJ/30/17/016	M	136	08-09-17	7+	30-10-17			Y	Y	Y		94
131	MIRPUR	MIRPUR	AJ/20/17/002	F	42	20-01-17	7+	19-02-17		NVI	Y	N	N	Y	325
132	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	177
133	NEELUM	AUTHMUQAM	AJ/80/17/004	F	18	05-09-17	5	30-10-17	31-10-17	NVI	N	N	Y	Y	97
134	POONCH	HAJIRA	AJ/40/17/008	M	136	08-02-17	7+	14-03-17	15-03-17	NVI	N	N	Y	Y	306
135	POONCH	HAJIRA	AJ/40/17/013	F	24	19-03-17	7+	28-04-17	29-04-17	NVI	Y	Y	Y	DIED	267
136	SUDNUTI	PALLANDARI	AJ/70/17/003	F	24	14-07-17	7+	06-08-17	07-08-17	NVI	Y	N	Y	Y	150
137	ICT	ICT	IB/02/17/024	M	33	30-04-17	7+	23-05-17	25-05-17	NVI	UK	UK	Y	Y	225
138	KURRAM	CENTRAL KURRAM	FT/52/17/018	M	4	28-08-17	0	10-09-17	21-09-17	NVI	N	N	Y	Y	105
139	KURRAM	UPPER KURRAM	FT/52/17/019	M	96	26-08-17	7+	12-09-17	14-09-17	NVI	Y	Y	UK	Y	107
140	ORAKZAI	UPPER ORAKZAI	FT/53/17/028	F	12	24-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	109
141	WAZIR-S	BIRMAL	FT/65/17/017	F	24	16-06-17	7+	02-07-17	05-08-17	EV	Y	Y	Y		178

* Afp.rec Data as of 11-12-2017

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.