



Weekly AFP Surveillance Update Pakistan

Week 48 (*Ended on 2nd December, 2017*)

National Surveillance Cell

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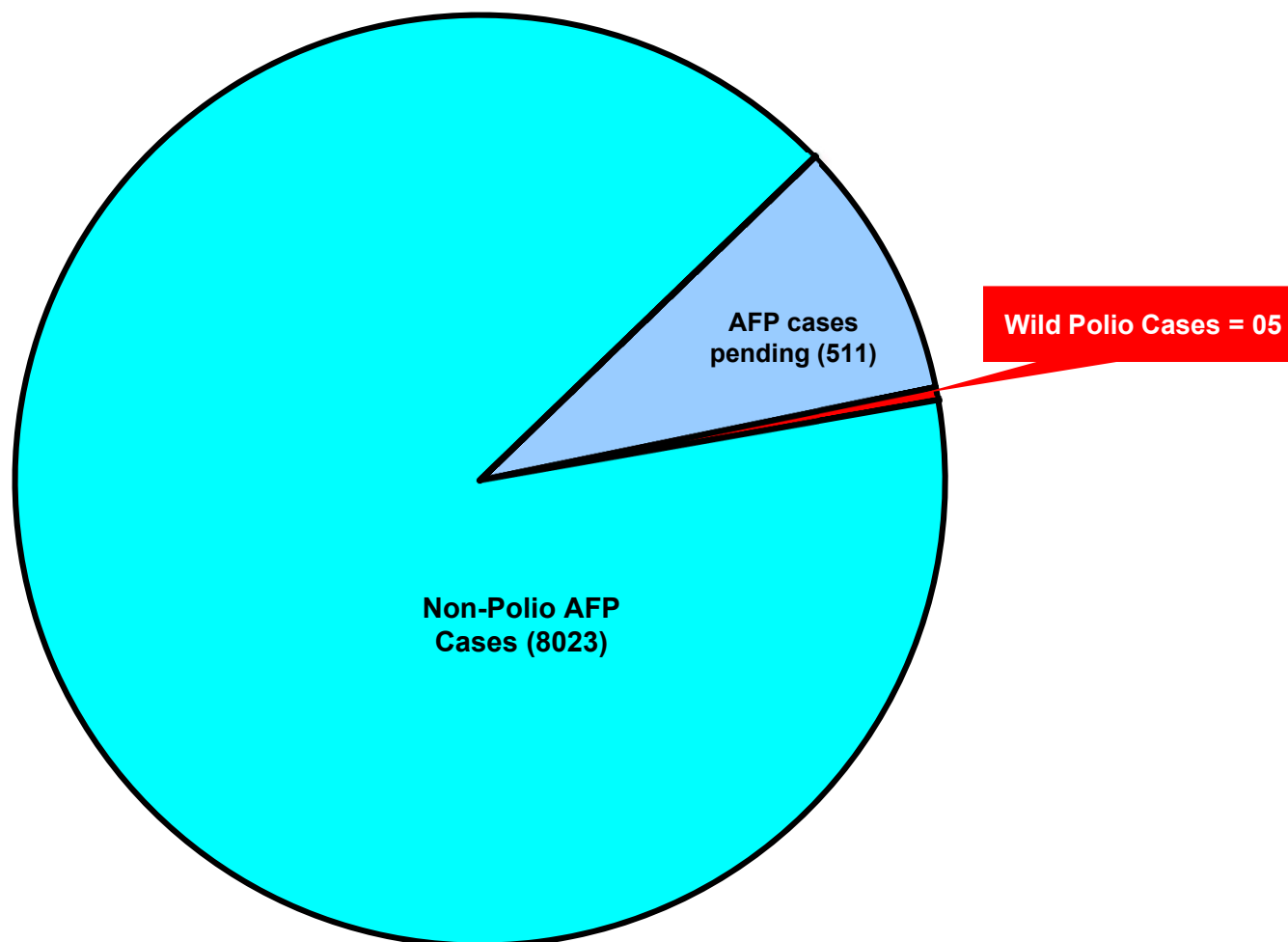
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AFP Surveillance



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

AFP Case Profile, 2017*



Total AFP Cases Reported = 8539

^ 255 Inadequate cases not due for FUP

^ 256 cases Pending in the Lab

^ 134 AFP Cases pending for classification by ERC

* Afp.rec Data as of 04-12-2017

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	Asymetric 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

* Afp.rec Data as of 04-12-2017

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	SAs	Last 6 SAs	Last dose	Field	NSC %		Lab No.	Days Incub	Culture update	
Isolates pending for ITSD																					
1	FR BANNU	1	#	#	FT/69/17/029	15-Nov-17	36	M	22-Nov-17	N	#	#		24-Oct-17	N	#	*	12260	4	L20B+	
2	KHIGADAP	1	GADAP	GUJRO-4	SD/63/17/051	09-Nov-17	5	M	17-Nov-17	Y	0	2	2		Y	Y	GBS?	12082	5	L20B+	REFUSAL
3	BADIN *	4	BADIN	BADIN-1	SD/23/17/066	21-Nov-17	36	F	22-Nov-17	N	3	7+	6	30-Oct-17	N	N	UNNOTICED TRAUMA	12244	8	L20B+	
4	SHIKARPUR *	4	LAKHI	LAKHI GHULAM	SD/52/17/067	20-Nov-17	12	M	21-Nov-17	Y	2	7+	6	31-Oct-17	N	#	HYPOKALAEMIA	12251	8	L20B+	
5	TALLAHYAR	4	J.MARRI	DASSORI	SD/27/17/028-C1		4	F	22-Nov-17	-	-	-		20-Nov-17	N	-	-	12281	2	L20B+	
Reported urgent (by field / NSC% criteria)																					
6	KABDULAH *	1	KABDULAH	KILLA	BN/14/17/043	15-Nov-17	7	F	21-Nov-17	Y	#	6	6	31-Oct-17	N	Y	MYO PATHY / NEUROPATHY	12292	7	UP	
7	KHUZDAR	2	ZEHR	BALBAL GHAT	BN/54/17/024	07-Nov-17	12	M	18-Nov-17	Y	0	2	2	30-Oct-17	N	Y	INJECTION NEURITIS	12155	11	UP	SERVICE DELIVER ISSUES
8	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	7	UP	
9	GUJRANWALA	4	KHIAU SHAHPUR	UC 48	PB/21/17/203	09-Nov-17	12	M	16-Nov-17	Y	1	5	5	18-Sep-17	N	Y	TN	12054	14	UP	
10	MATIARI *	4	HALA	HALAI	SD/28/17/038	17-Nov-17	3	M	23-Nov-17	Y	0	3	3	31-Oct-17	N	Y	UNNOTICED TRAUMA	12279	7	UP	
11	TALLAHYAR	4	J.MARRI	DASSORI	SD/27/17/028	01-Nov-17	126	M	10-Nov-17		3	7+			N	N	GBS?	11968	17	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

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	01	05	01	11-Aug-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	05	13	05	21-Aug-17

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

* Afp.rec Data as of 04-12-2017

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	492	2	0	68	8	286	34%	0	846	100%
October	868	584	19	0	50	6	215	25%	0	849	98%
November	399	127	198	5	10	3	69	17%	0	206	52%
Pakistan	8626	5912	219	05	438	5	2057	24%	5	8004	93%

*Data as of 04-12-2017

Comparison of Environmental Sampling Results, 2016-17*

DISTRICT	2016					2017					Last
	TOTAL	WILD				TOTAL	WILD				
		GRAB	BMFS	TOTAL			GRAB	BMFS	TOTAL		
				n	%				n	%	
LAHORE	57	2	1	3	5%	55			0	0%	18-Oct-16
MULTAN	33	1		1	3%	31	1		1	3%	9-Jan-17
DGKHAN	30	1		1	3%	32			0	0%	12-May-16
RAWALPINDI	23	2	1	3	13%	24	6	2	8	33%	10-Oct-17
FAISALABAD	35	1	1	2	6%	20			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	23	1	1	2	9%	24	5	1	6	25%	10-Oct-17
KHIGADAP	33	4		4	12%	31	18		18	58%	12-Oct-17
KHIBALDIA	22	1		1	5%	10	1		1	10%	8-Aug-17
KHILANDHI	5			0	0%	10	5		5	50%	19-Sep-17
KHIKORANGI *				0		10	1		1	10%	16-Oct-17
KHISITE *				0		11	4		4	36%	1-Nov-17
SUKKUR	25	2	1	3	12%	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		10			0	0%	
DADU *	1			0		10			0	0%	
KAMBAR *				0		11	1		1	9%	15-Aug-17
PESHAWAR	37	8	1	9	24%	24	5	2	7	29%	10-Nov-17
DIKHAN	44	1		1	2%	21			0	0%	16-Jul-16
BANNU *				0		8			0	0%	
KOHAT *				0		9			0	0%	
CHARSADA *				0		10			0	0%	
MARDAN *				0		10			0	0%	
NOWSHERA *				0		10			0	0%	
KABDULAH	23	6		6	26%	21	13		13	62%	15-Oct-17
QUETTA	55	13		13	24%	42	10	1	11	26%	12-Oct-17
PISHIN	8	4		4	50%	10	5		5	50%	2-Oct-17
KHUZDAR *				0		10			0	0%	
LORALAI *				0		10	2		2	20%	17-Oct-17
ZHOB *				0		10			0	0%	
PAKISTAN	497	48	9	57	11%	558	85	8	93	17%	10-Nov-17

* New addition in Env Surveillance Network **2017 – 33 Environmental samples are under process)**

* Data as of December 04, 2017

WPV and cVDPV Cases by District in 2017

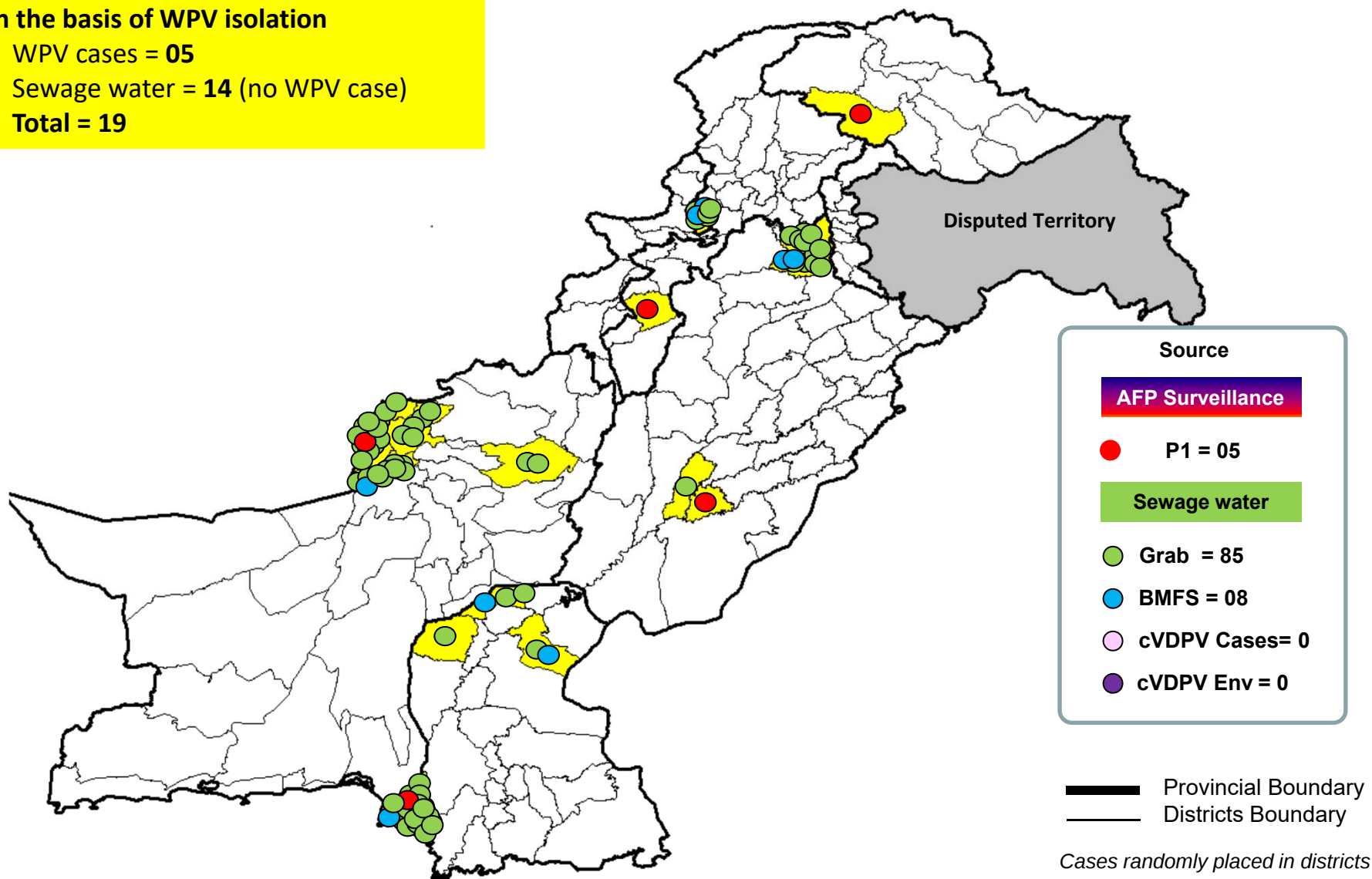
PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KPAKHTUNKHWA	LAKKIMRWT	21-Aug	1		
Total		21-Aug	01		
SINDH	KHIGIQBAL	11-Aug	1		
Total		11-Aug	01		
BALUCHISTAN	KABDULAH	11-June	1		
Total		11-June	01		
G-Baltistan	DIAMIR	13-Feb	1		
Total		13-Feb	01		
PUNJAB	LODHRAN	28-Jan	1		
Total		28-Jan	01		
PAKISTAN		21-Aug	05		

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

Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

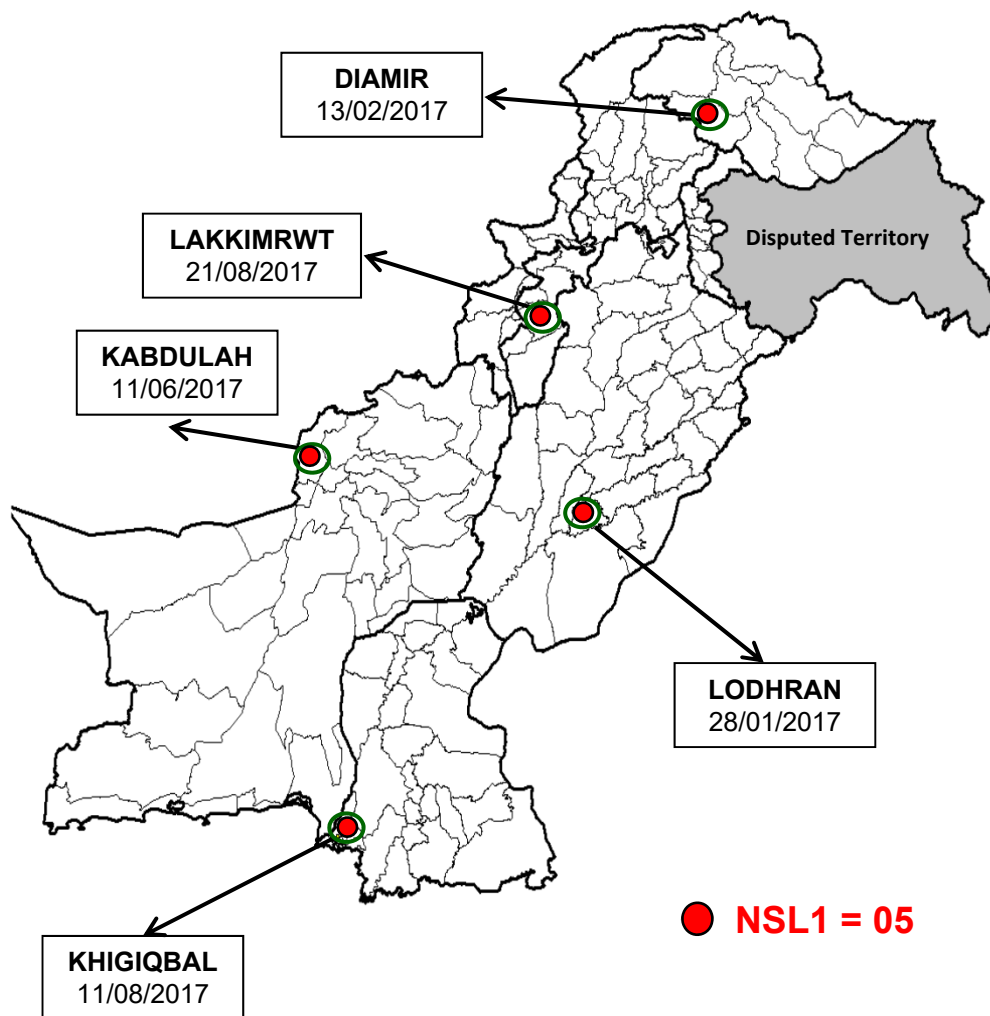
- WPV cases = 05
- Sewage water = 14 (no WPV case)
- Total = 19



* Afp.rec Data as of 04-12-2017

Map1: Distribution of Wild Polio Cases Pakistan 2017*

Districts/Towns with Wild Polio Cases = 05



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	Aug, 2017	Jan, 2010	01	-
BALUCHISTAN	Jun, 2017	Apr, 2010	01	-
PUNJAB	Jan, 2017	Jun, 2010	01	-
AJK	Jun, 2000	Jun, 2000	-	-
GILGIT-BALTISTAN	Feb, 2017	-	01	-
ISLAMABAD	Sep, 2008	Sep, 2008	-	-
PAKISTAN	Aug, 2017	Apr, 2012	05	-

○ District with last polio case in province

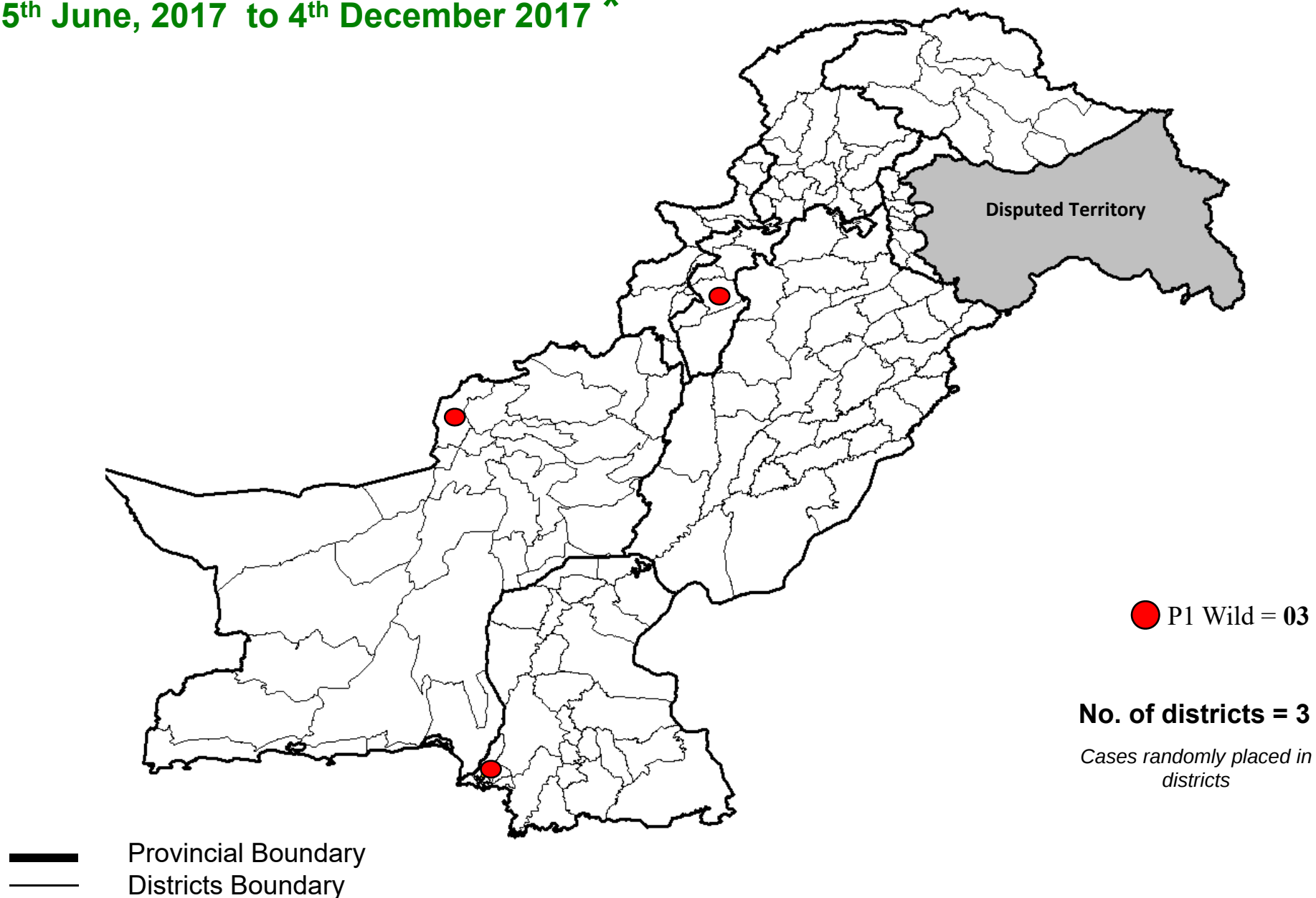
— Provincial Boundary
— Districts Boundary

Cases randomly placed in districts

* Afp.rec Data as of 04-12-2017

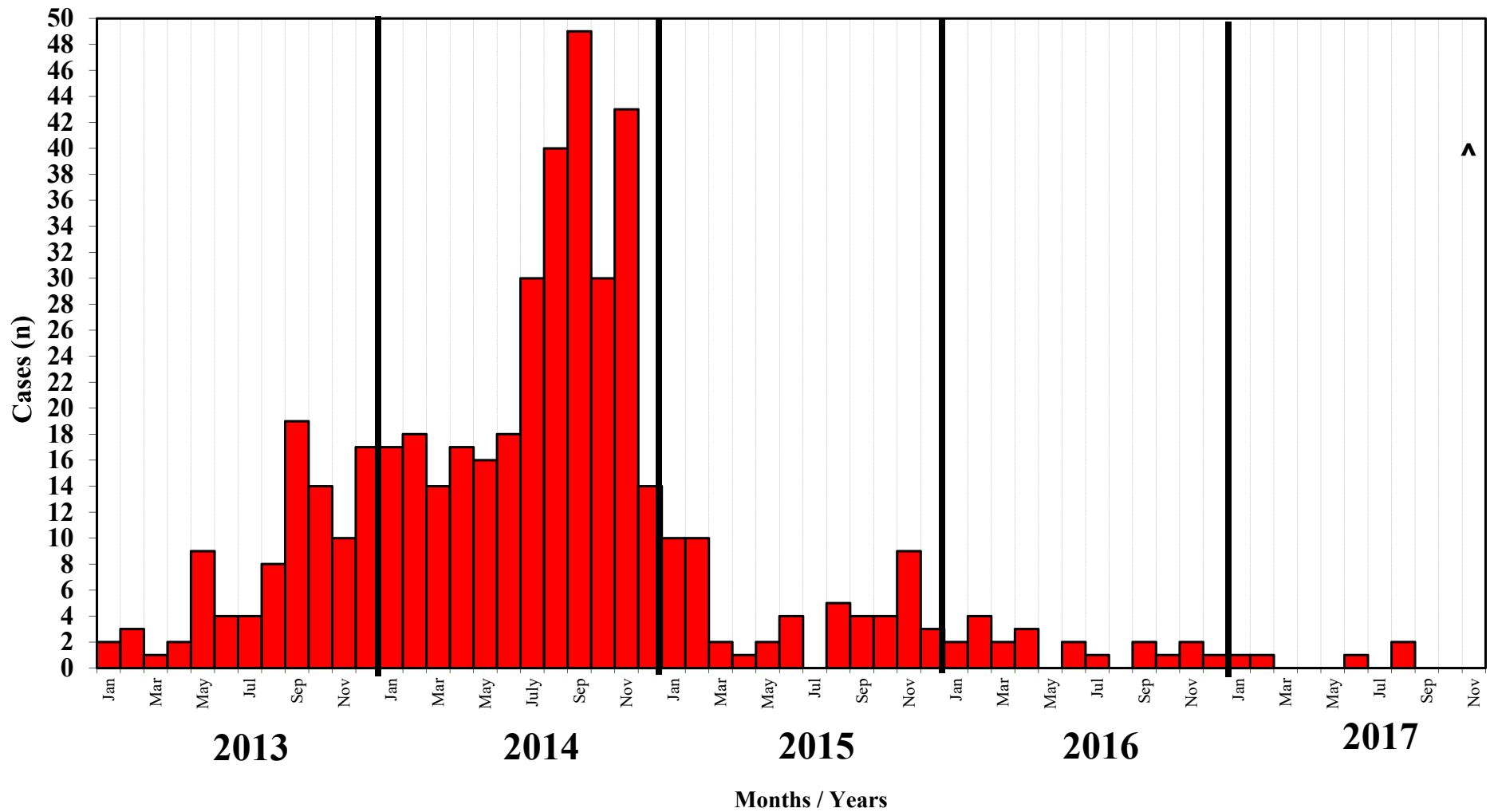
Map 3: Wild Polio cases in the last 6 months

5th June, 2017 to 4th December 2017 *



* Afp.rec Data as of 04-12-2017

Confirmed Polio Cases 2013-2017*

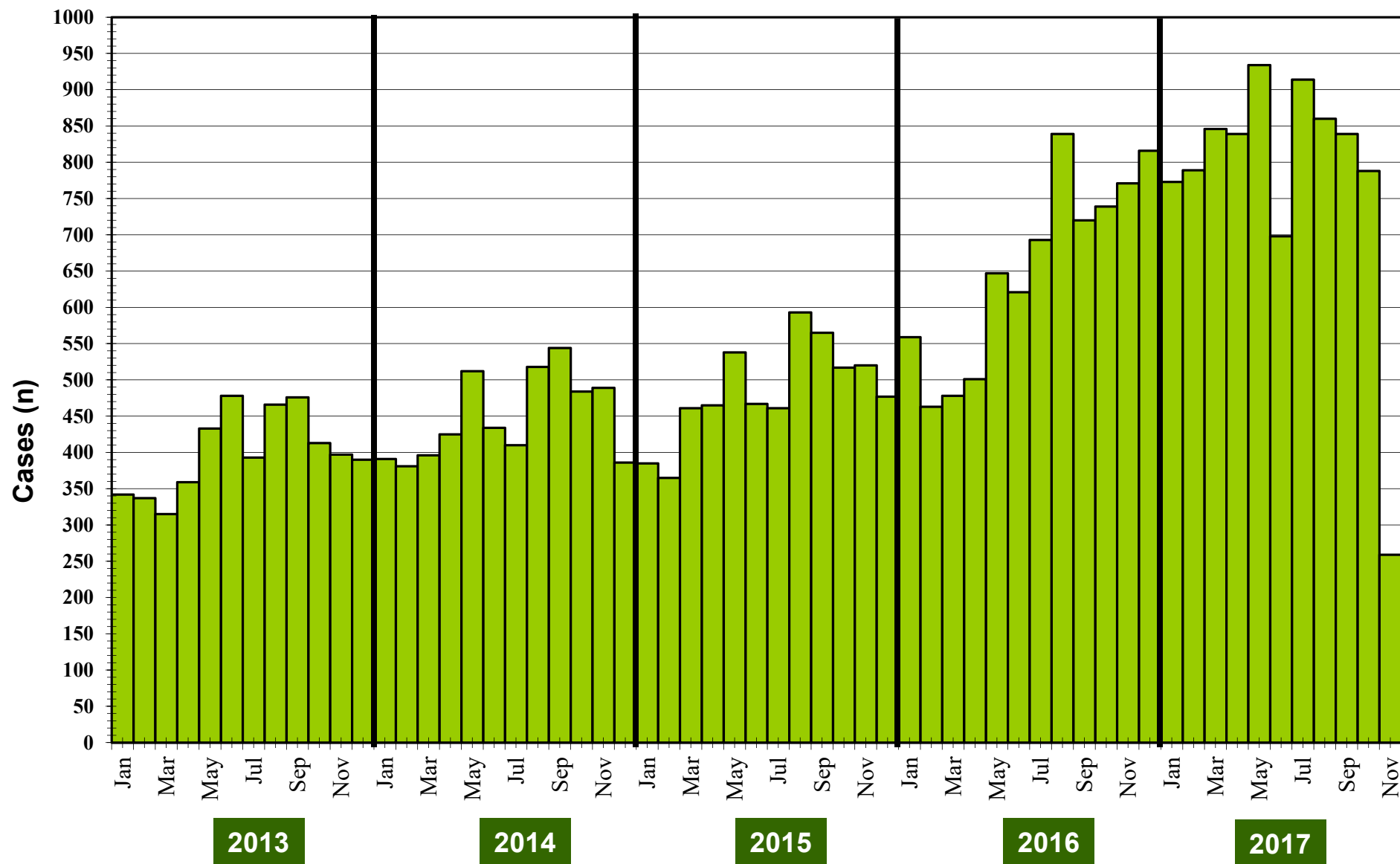


NSL1

^ Data incomplete

* Afp.rec Data as of 04-12-2017

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



* Afp.rec Data as of 04-12-2017

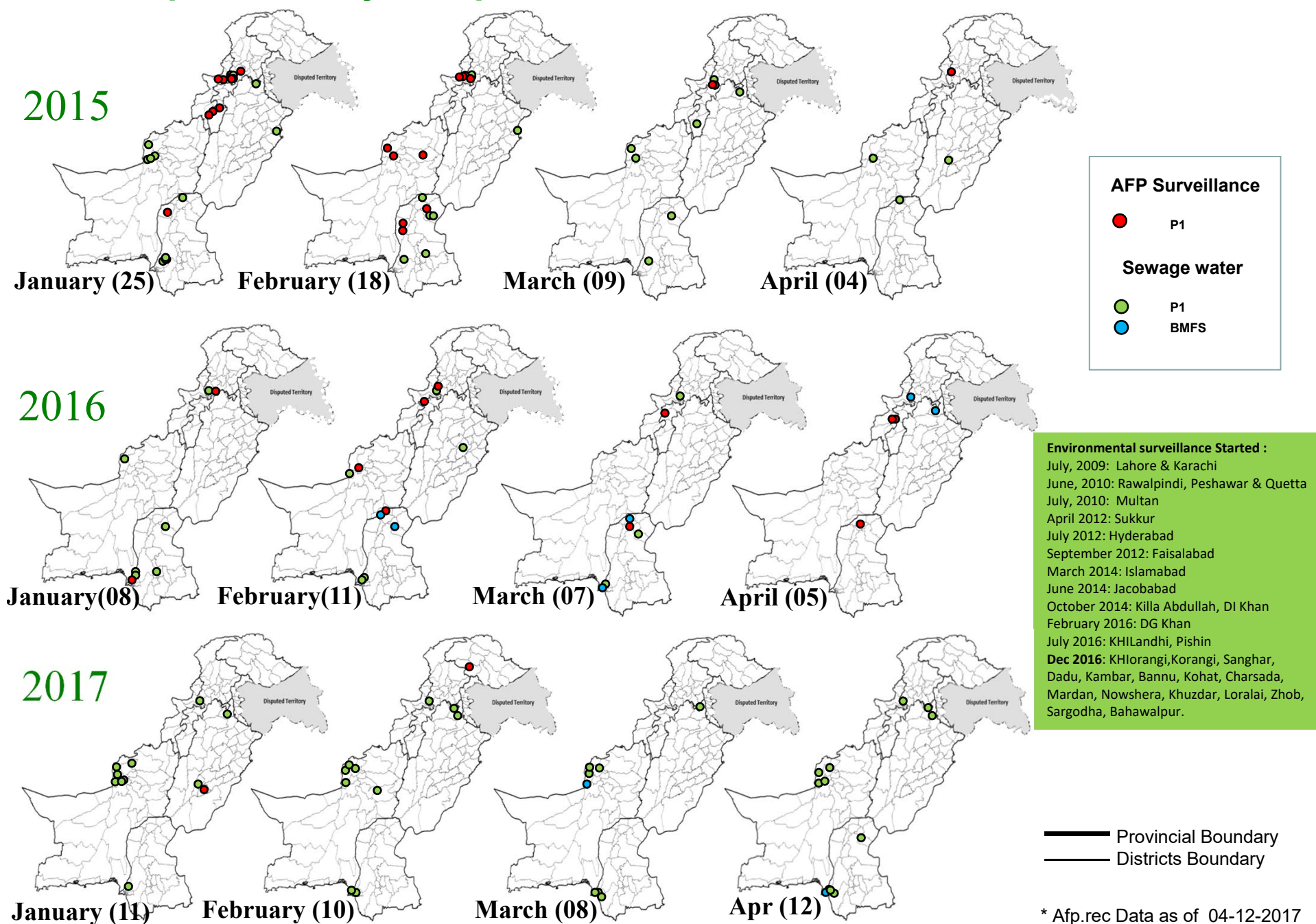
**Table 4: Distribution of AFP Cases By Week of Onset ^
Pakistan- 2017* [Week number / Ending on]**

PROVINCE	W 33 19 Aug 2017	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
PUNJAB	86	88	75	84	76	71	77	78	72	80	65	50	37	3	3
SINDH	37	40	24	46	43	51	27	61	38	36	49	39	20	8	8
FATA	11	16	11	7	21	19	11	14	12	11	9	6	7	1	1
BALUCHISTAN	16	11	10	14	18	14	14	13	8	11	11	6	7	1	1
AJK	3	2	2	3	3	2	5	8	4	8	3	5	3	1	1
GILGIT BILTISTAN	3	2	0	1	5	2	2	1	4	0	1	0	0	0	0
ISLAMABAD	2	3	2	5	2	2	0	4	5	3	3	2	3	0	0
KPAKHTUNKHWA	36	40	38	53	56	46	46	54	45	44	47	48	18	4	4
PAKISTAN	194	202	162	213	224	207	182	233	188	193	188	156	95	18	18

* Afp.rec & Afplab.rec: Data as of 04-12-2017

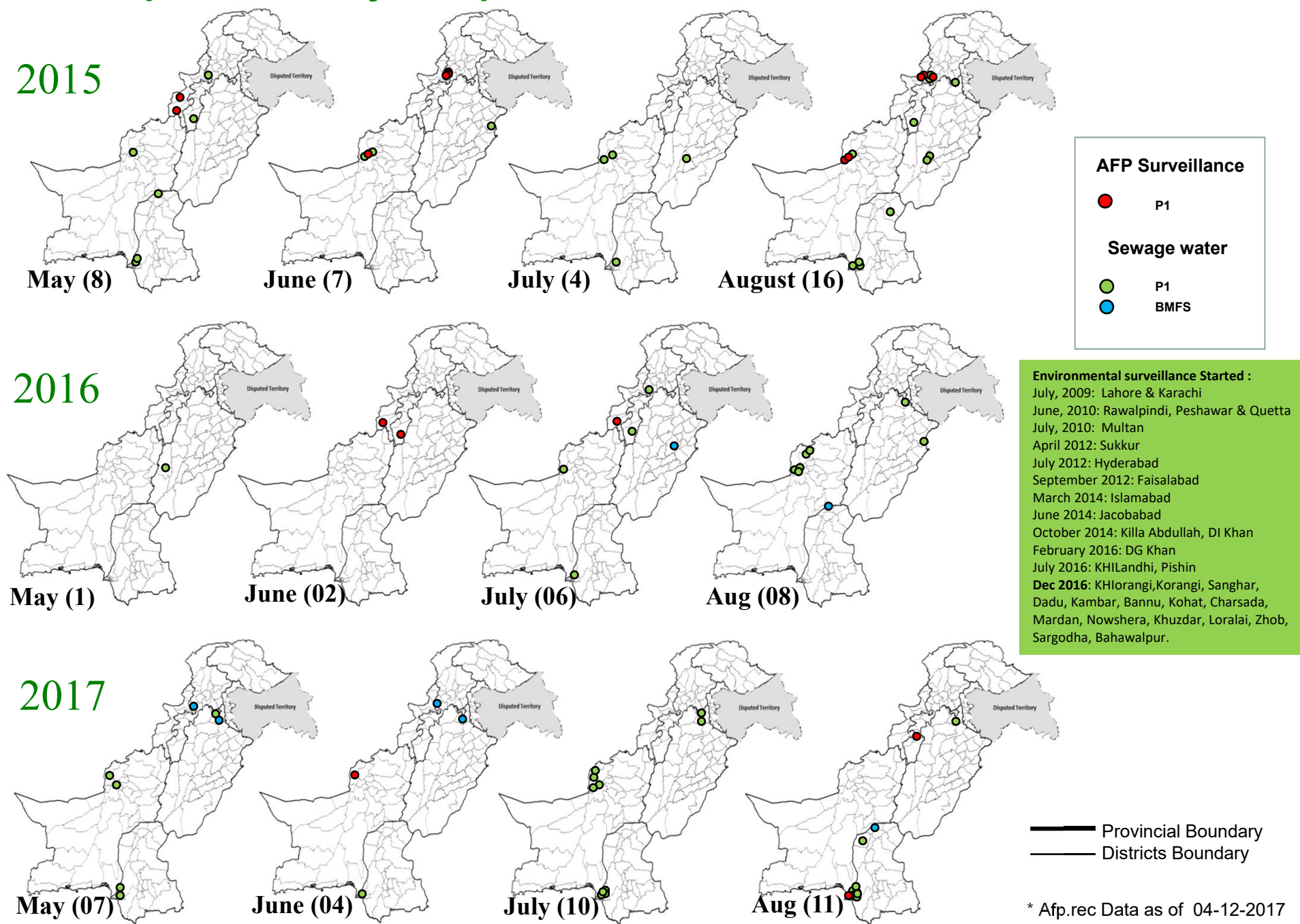
^ MMWR Epidemiological Weeks

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



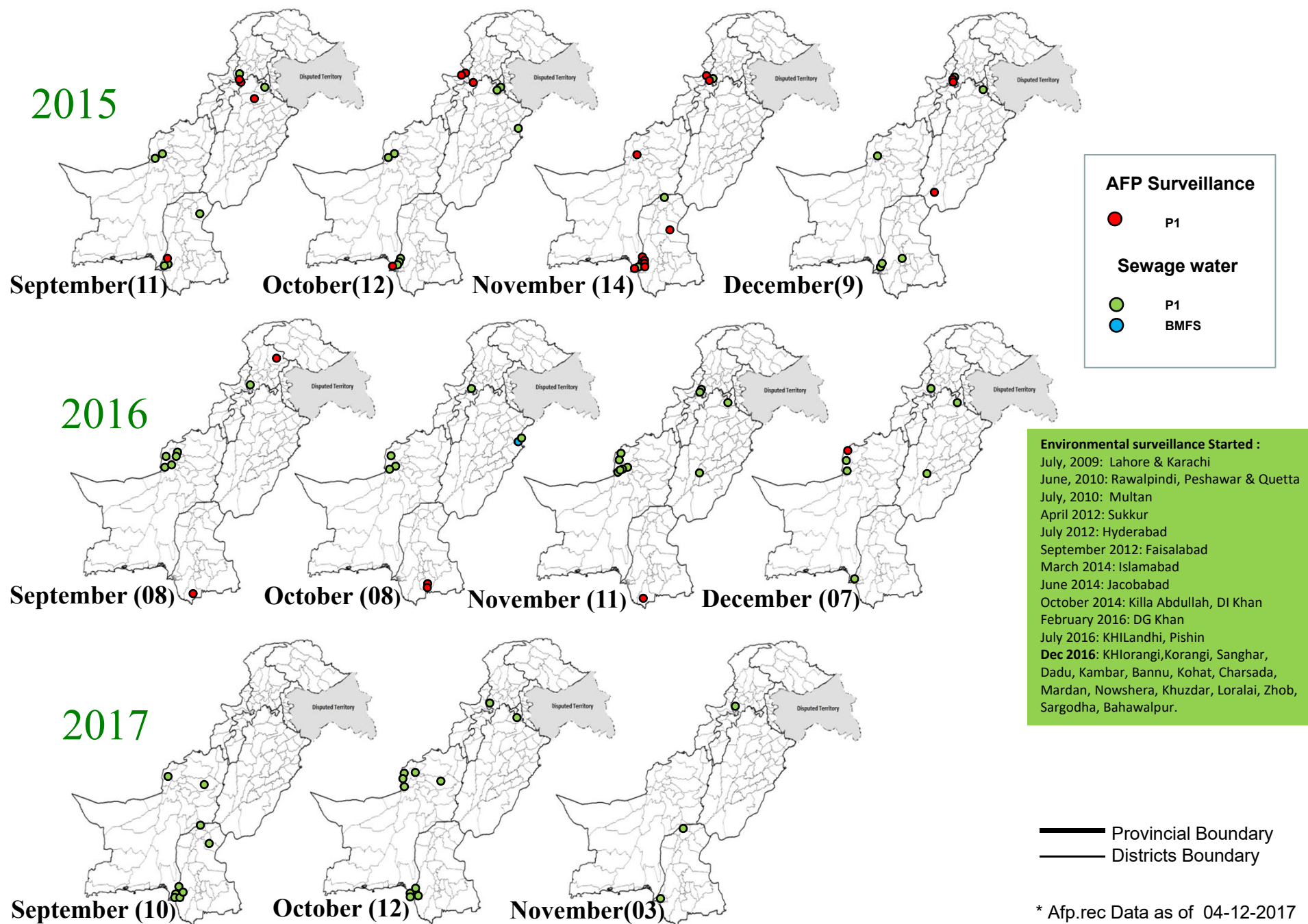
* Afp.rec Data as of 04-12-2017

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



* Afp.rec Data as of 04-12-2017

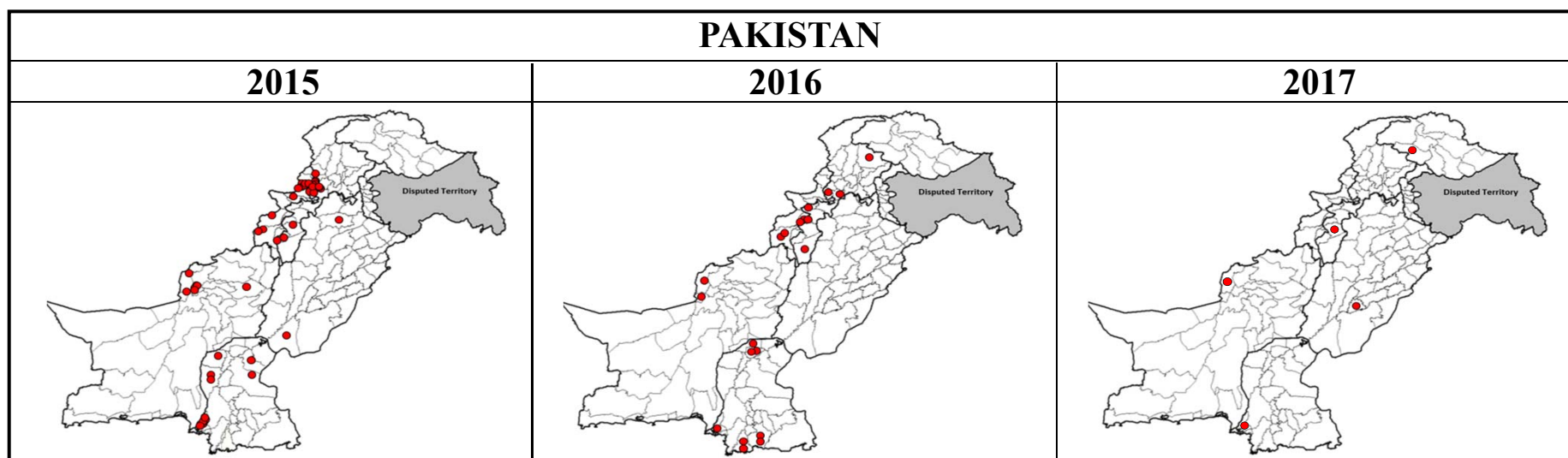
Map 4.2: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 04-12-2017

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	01
PUNJAB	02	-	01
BALUCHISTAN	07	02	01
AJK	-	-	-
Gilgit-Baltistan	-	-	01
ISLAMABAD	-	-	-
PAKISTAN	54	20	05

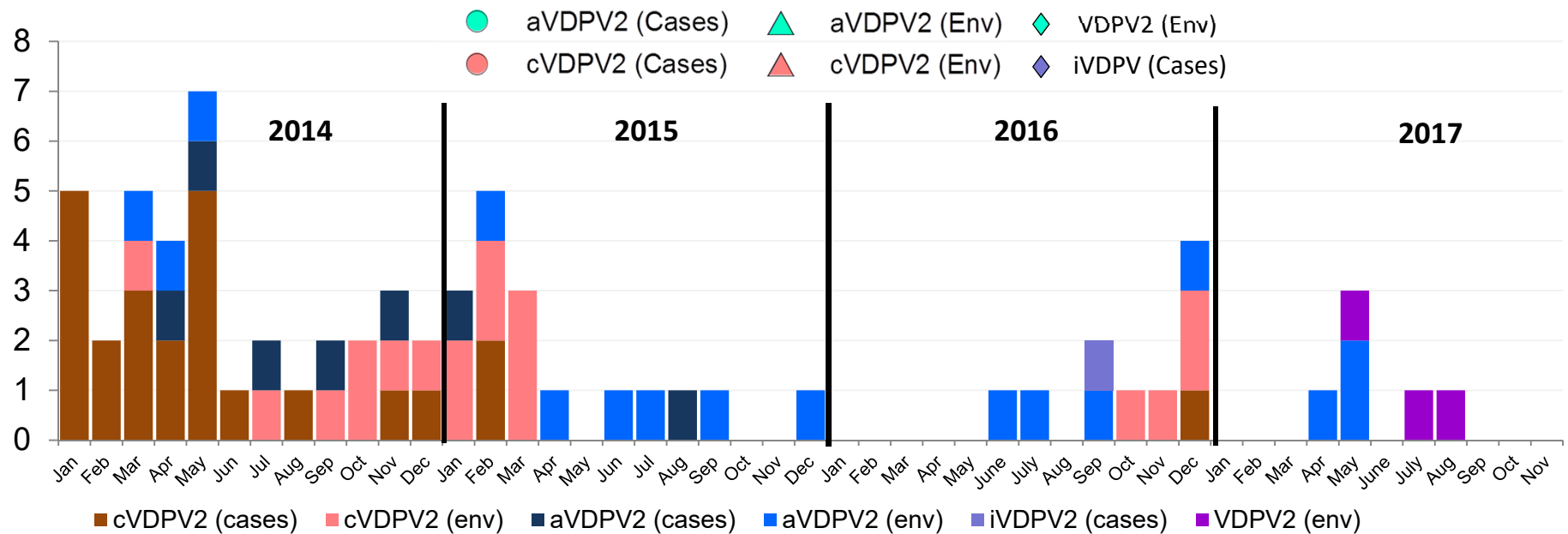
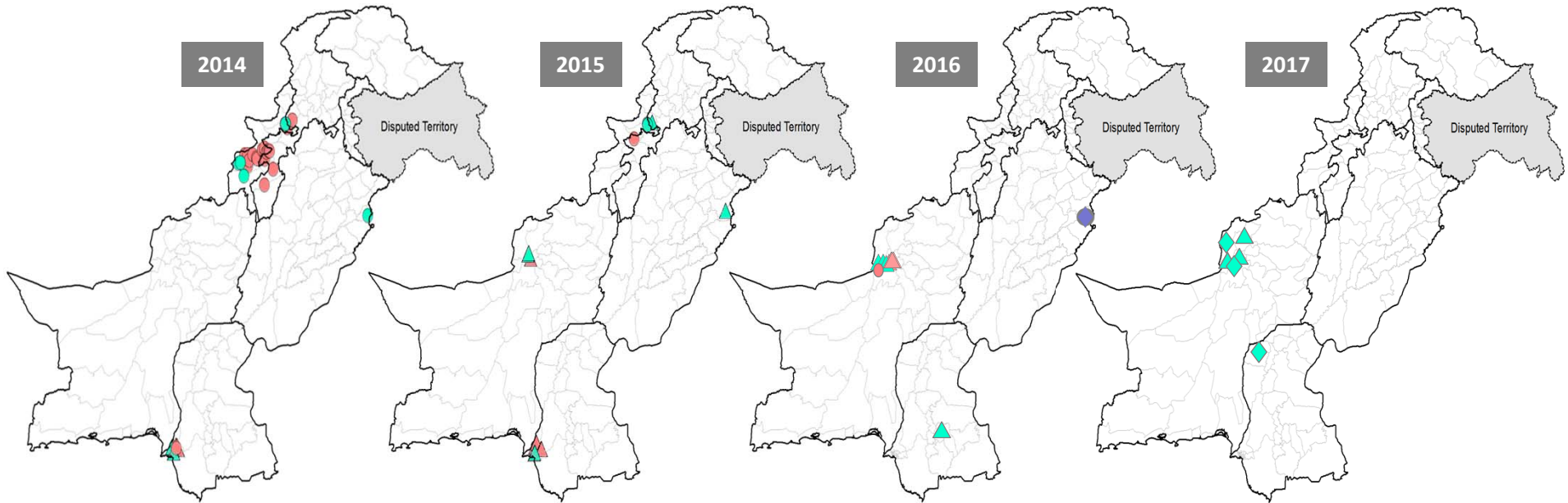


* Afp.rec Data as of 04-12-2017

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		1		4		3	

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



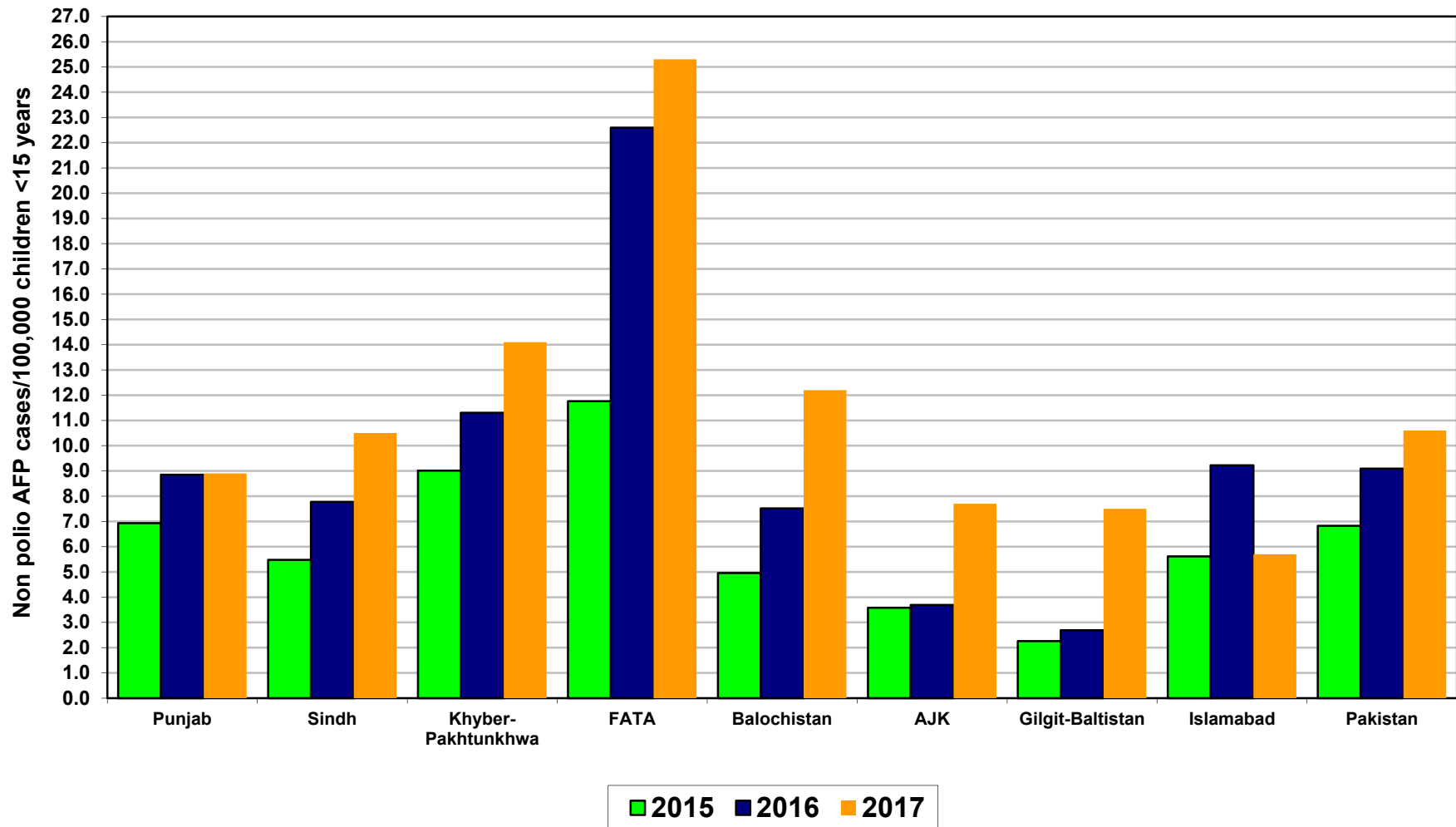
* Afp.rec Data as of 04-12-2017

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%	91%
North Sindh	0%	0%	0%	1%	0%	0%	1%	0%	0%	8%	5%	3%	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%	94%
Central Khyber Pakhtunkhwa	1%	0%	1%	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%	4%	94%	96%	94%
South Khyber Pakhtunkhwa	1%	0%	0%	1%	1%	2%	2%	1%	2%	11%	1%	3%	83%	96%	92%
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%	11%	57%	83%	79%
Quetta Block	3%	1%	1%	15%	1%	2%	9%	4%	4%	12%	10%	6%	61%	83%	87%
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 04-12-2017

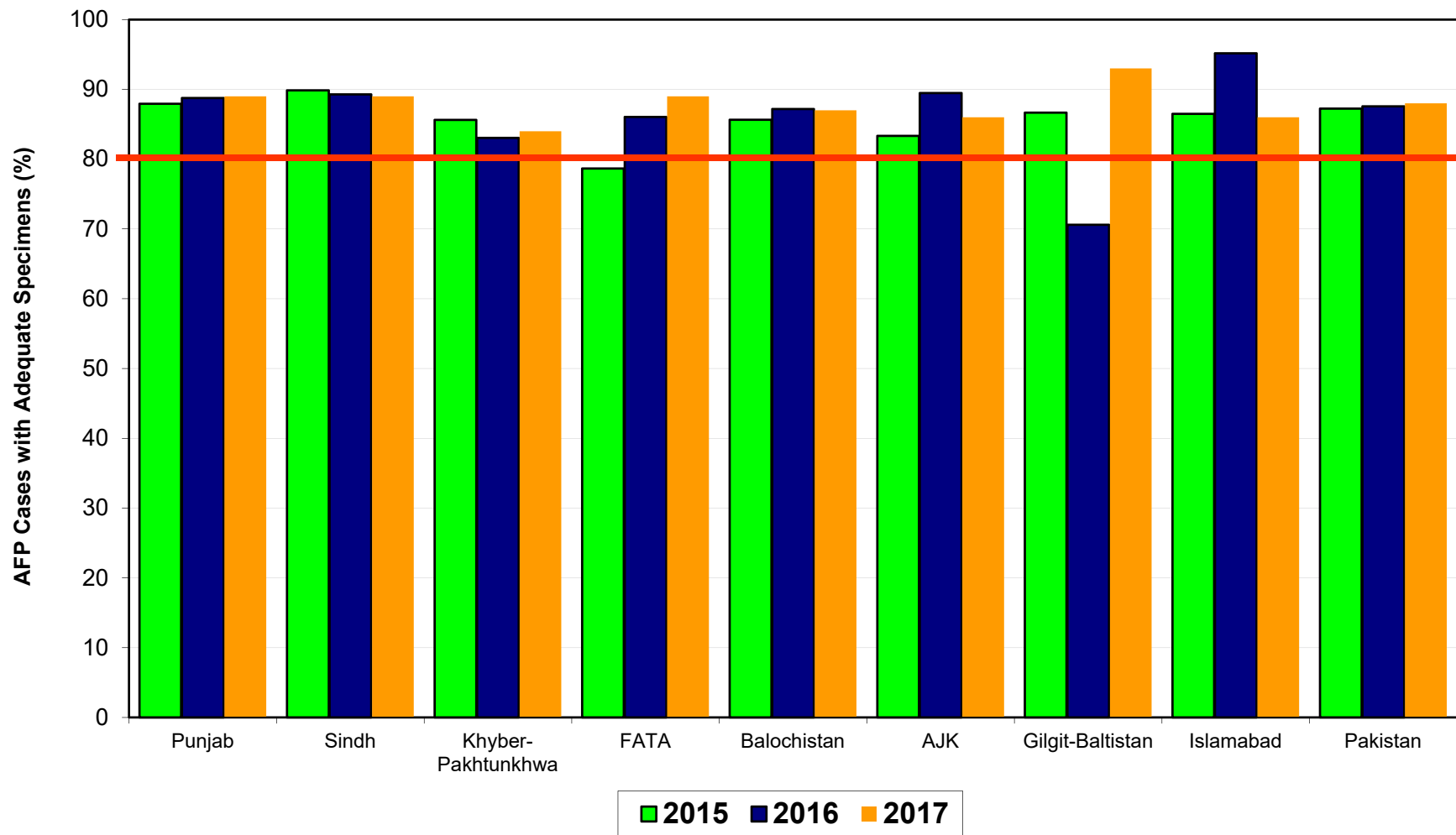
Non Polio AFP Rate By Province/Regions, 2015-2017*



* Afp.rec Data as of 04-12-2017

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

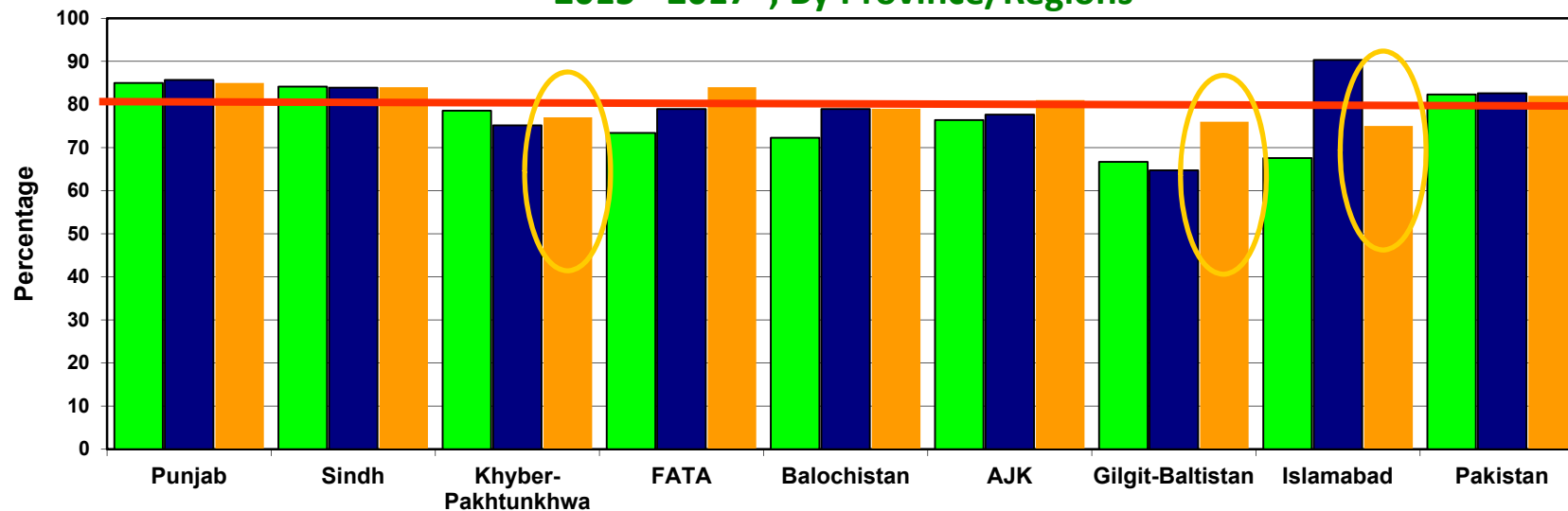
Percent AFP Cases with Adequate Specimens By Province/Regions, 2015-2017*



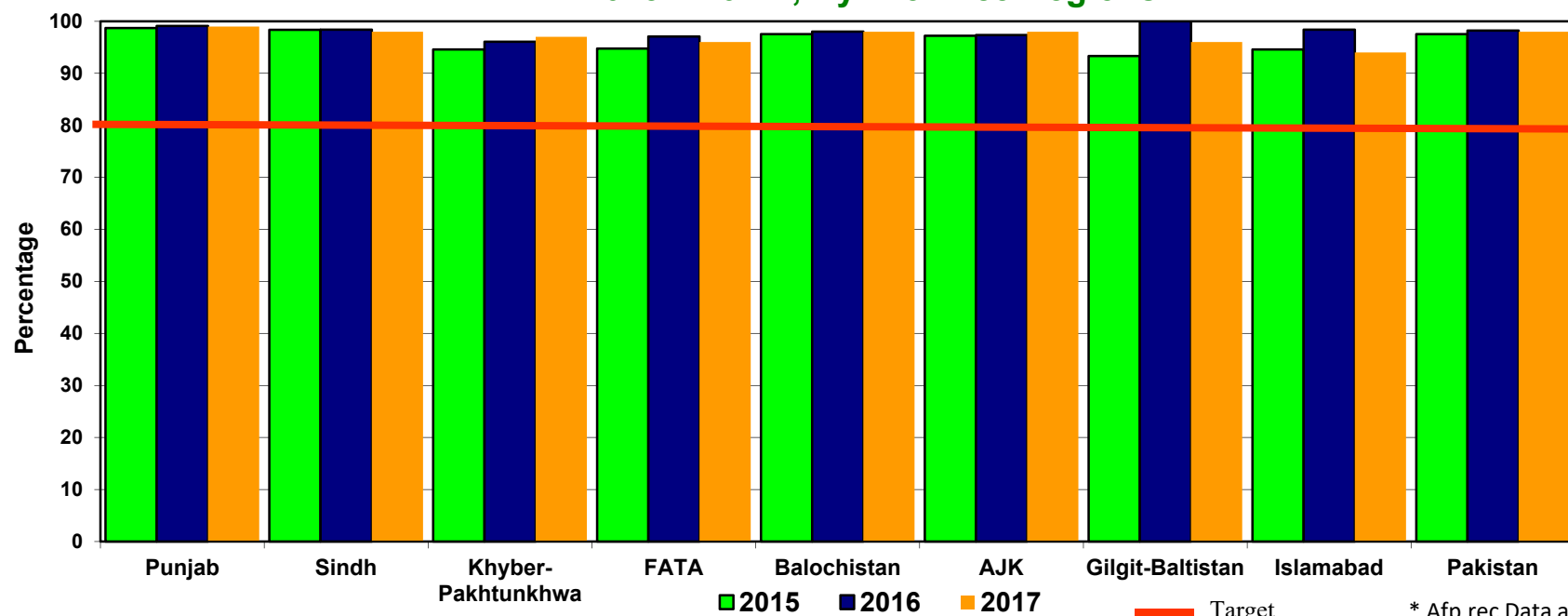
* Afp.rec Data as of 04-12-2017

— Target Adequate Sample cases = 80%

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

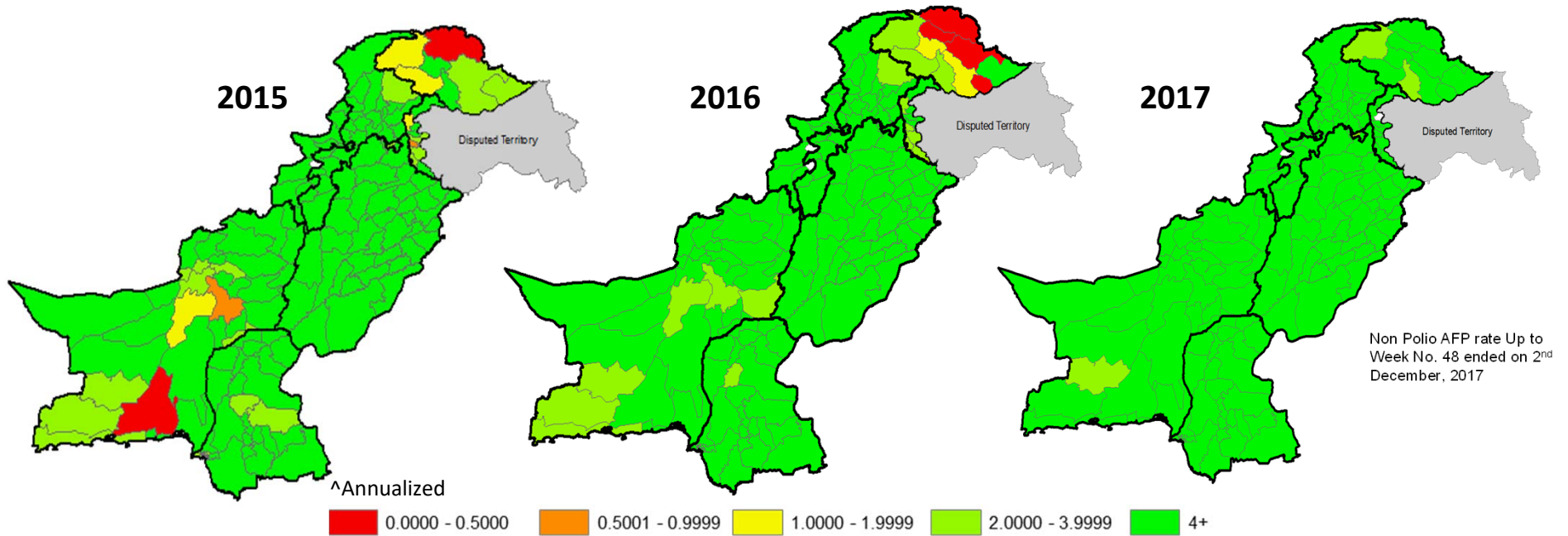


**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2015 ~ 2017*; By Province/Regions**

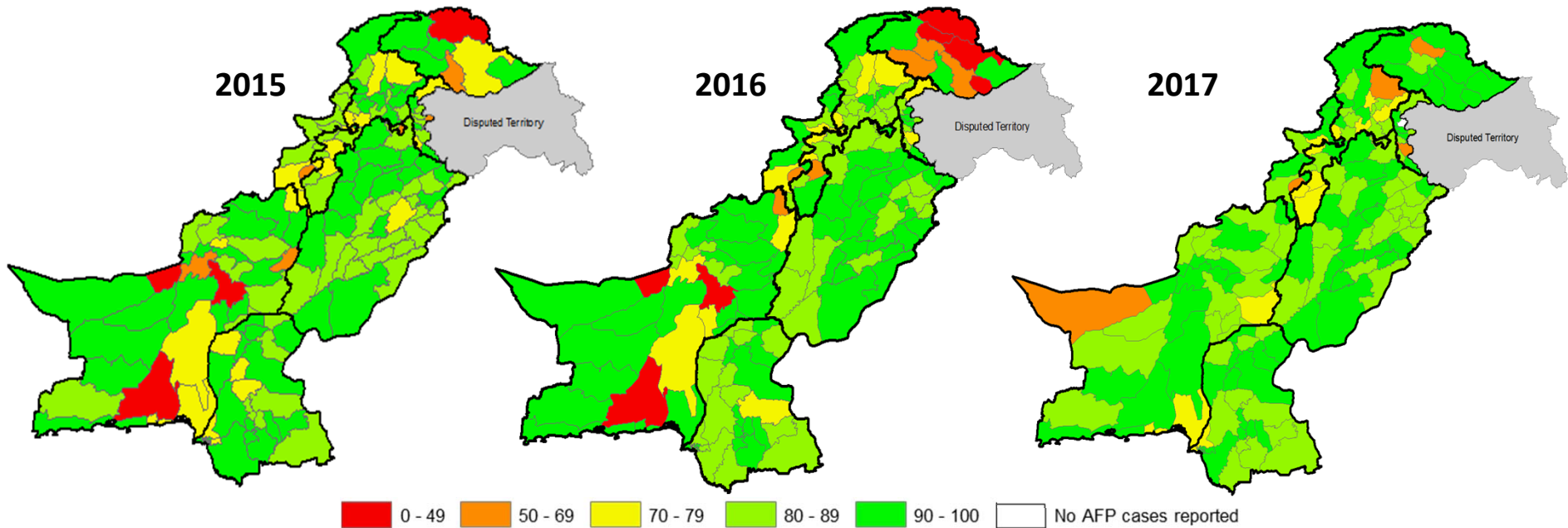


* Afp.rec Data as of 04-12-2017

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/73/17/069	M	27	03-09-17	7+	19-09-17	21-09-17	NVI	Y	Y	Y		91
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	132
3	CHAKWAL	TALA GANG	PB/13/17/040	M	66	16-08-17	7+	25-08-17		NVI	Y	N	Y	Y	109
4	CHAKWAL	CHAKWAL	PB/13/17/047	M	12	03-07-17	7+	03-10-17	05-10-17	NVI	Y	Y	UK	Y	153
5	DGKHAN	DGKHAN	PB/81/17/146	M	120	27-08-17	7+	LATE NOTIFIED			N	N	Y	Y	98
6	DGKHAN	TAUNSA	PB/81/17/148	M	9	07-08-17	7+	07-09-17	08-09-17	EV	Y	Y	Y	Y	118
7	DGKHAN	DGKHAN	PB/81/17/175	M	18	20-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	136
8	DGKHAN	DGKHAN	PB/81/17/178	M	20	09-08-17	7+				Y	N	Y	Y	116
9	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3				Y	Y	UK	Y	194
10	FAISALABAD	TANDLIAN WALA	PB/51/17/151	M	84	28-07-17	7+	14-08-17	16-08-17	EV	N	N	Y	Y	128
11	FAISALABAD	FAISALABAD CITY	PB/51/17/198	F	108	03-09-17	7+	22-09-17	23-09-17	EV	Y	N	Y		91
12	FAISALABAD	FAISALABAD CITY	PB/51/17/201	F	20	22-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	134
13	FAISALABAD	JARANWALA	PB/51/17/203	M	39	02-09-17	7+	28-09-17	29-09-17	EV	Y	Y	Y		92
14	FAISALABAD	FAISALABAD SADAR	PB/51/17/209	M	11	04-08-17	7+	LATE NOTIFIED			N	Y	Y		121
15	GUJRANWALA	AROOP	PB/21/17/125	F	18	26-06-17	7+	01-07-17		NVI	Y	Y	Y	DIED	160
16	GUJRANWALA	KHIALI SHAHPUR	PB/21/17/163	M	18	02-08-17	7+	07-09-17	09-09-17	EV	Y	N	Y	Y	123
17	GUJRANWALA	WAZIRABAD	PB/21/17/164	F	144	17-08-17	7+	10-09-17	12-09-17	EV	N	Y	Y	Y	108
18	GUJRANWALA	AROOP	PB/21/17/165	F	33	01-08-17	7+	10-09-17	11-09-17	NVI	Y	N	N	Y	124
19	GUJRANWALA	WAZIRABAD	PB/21/17/171	M	96	09-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y	Y	116
20	GUJRANWALA	NOWSHERA VIRKAN	PB/21/17/192	M	120	15-08-17	7+	LATE NOTIFIED			Y	Y	Y		110
21	GUJRAT	KHARIAN	PB/23/17/075	M	144	06-08-17	7+	11-08-17		NVI	N	N	Y	DIED	119
22	GUJRAT	KHARIAN	PB/23/17/087	M	42	18-07-17	7+	12-09-17	13-09-17	EV	Y	Y	Y	Y	138
23	HAFIZABAD	PINDI BHATTIAN	PB/22/17/053	F	156	28-07-17	7+	10-08-17	12-08-17	NVI	N	N	Y	Y	128
24	HAFIZABAD	PINDI BHATTIAN	PB/22/17/060	F	36	18-08-17	7+	25-08-17		NVI	Y	N	Y	DIED	107
25	HAFIZABAD	HAFIZABAD	PB/22/17/064	F	9	17-08-17	7+	09-09-17	10-09-17	NVI	Y	Y	N	Y	108
26	JHANG	ATHARA HAZARI	PB/53/17/082	M	168	29-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	96
27	JHANG	SHORKOT	PB/53/17/086	M	17	30-06-17	7+	LATE NOTIFIED			Y	Y	Y		156
28	JHELUM	PIND DADAN KHAN	PB/14/17/040	M	36	20-07-17	7+				N	N	Y	Y	136
29	KASUR	PATTOKI	PB/32/17/060	M	58	27-06-17	7+	12-07-17	15-07-17	EV	N	N	Y	Y	159
30	KASUR	CHUNIAN	PB/32/17/069	M	3	12-07-17	2	02-08-17	04-08-17	EV	N	N	Y	DIED	144
31	KASUR	PATTOKI	PB/32/17/070	M	27	30-06-17	7+	LATE NOTIFIED			Y	Y	Y	Y	156
32	KASUR	PATTOKI	PB/32/17/087	M	148	28-07-17	7+				Y	N	Y		128
33	KASUR	PATTOKI	PB/32/17/090	M	14	10-07-17	7+				Y	Y	Y		146
34	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	123
35	KHANEWAL	KABIRWALA	PB/62/17/061	F	1	01-07-17	1	11-08-17	12-08-17	NVI	N	N	Y	Y	155
36	KHANEWAL	KABIRWALA	PB/62/17/070	M	1	20-08-17	0	13-09-17	15-09-17	NVI	N	N	N	Y	105
37	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	127
38	LAHORE	SAMNABAD	PB/31/17/154	F	83	03-07-17	7+	DIED BEFORE STOOL			Y	N	N	DIED	153
39	LAHORE	AZIZ BHATTI TOWN	PB/31/17/146	F	48	11-07-17	7+	25-07-17	26-07-17	NVI	Y	Y	Y	Y	145
40	LAHORE	RAVI TOWN	PB/31/17/157	M	78	28-06-17	7+	26-07-17	28-07-17	NVI	N	N	N	Y	158
41	LAHORE	DATA GUNJ BUKSH TOWN	PB/31/17/175	M	72	26-07-17	7+	13-08-17	14-08-17	EV	N	Y	Y	Y	130
42	LAHORE	RAVI TOWN	PB/31/17/204	M	18	20-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	136

* Afp.rec Data as of 04-12-2017

€ 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	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
43	LAHORE	NISHTAR TOWN	PB/31/17/211	F	7	04-05-17	7+	LATE NOTIFIED			Y	Y	Y	Y	213
44	LAHORE	DATA GUNJ BUKSH TOWN	PB/31/17/230	M	15	11-08-17	7+				Y	Y	Y	Y	114
45	LAYYAH	KAROR LAL ESAN	PB/84/17/063	M	84	02-08-17	7+	15-09-17	16-09-17	NVI	Y	Y	Y		123
46	LODHAN	LODHAN	PB/64/17/053	F	36	26-07-17	7+	21-08-17	23-08-17	NVI	Y	N	Y	Y	130
47	IMBDIN	MANDI BAHAUDDIN	PB/24/17/038	M	132	20-08-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	105
48	IMBDIN	MANDI BAHAUDDIN	PB/24/17/027	F	4	03-07-17	5				N	Y	Y	DIED	153
49	IMBDIN	MALAKWAL	PB/24/17/052	F	60	25-08-17	7+	LATE NOTIFIED			Y	N	N	Y	100
50	MIANWALI	MIANWALI	PB/43/17/051	F	9	30-07-17	7+	01-08-17		NVI	Y	N	Y	DIED	126
51	MIANWALI	MIANWALI	PB/43/17/063	M	24	03-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	91
52	MULTAN	JALALPUR PIRWALA	PB/61/17/095	F	36	24-07-17	7+	27-07-17		EV	Y	N	Y	DIED	132
53	MULTAN	MULTAN CITY	PB/61/17/103	F	42	08-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	117
54	MULTAN	MULTAN CITY	PB/61/17/123	M	12	23-08-17	7+	27-09-17	29-09-17	NVI	N	Y	Y	Y	102
55	MUZFARGARH	KOT ADDU	PB/83/17/178	M	21	05-08-17	7+	26-08-17	28-08-17	EV	Y	Y	Y	Y	120
56	MUZFARGARH	JATOI	PB/83/17/180	M	23	02-08-17	7+	28-08-17	29-08-17	EV	N	N	Y	Y	123
57	MUZFARGARH	JATOI	PB/83/17/182	M	36	27-07-17	7+	28-08-17	29-08-17	EV	N	Y	Y	Y	129
58	MUZFARGARH	MUZFARGARH	PB/83/17/222	M	37	06-08-17	7+	LATE NOTIFIED			Y	N	Y		119
59	MUZFARGARH	KOT ADDU	PB/83/17/194	M	49	03-09-17	7+	20-09-17	21-09-17	EV	Y	N	Y		91
60	MUZFARGARH	MUZFARGARH	PB/83/17/197	F	18	25-08-17	7+	22-09-17	23-09-17	VACC	N	Y	Y		100
61	MUZFARGARH	KOT ADDU	PB/83/17/201	M	3	19-07-17	2	LATE NOTIFIED			N	Y	Y		137
62	NANKANASAHIB	NANKANASAHIB	PB/35/17/060	M	21	12-08-17	7+	10-09-17	12-09-17	NVI	N	Y	Y	Y	113
63	NAROWAL	SHAKARGARH	PB/26/17/039	F	36	05-08-17	7+	20-09-17	21-09-17	EV	Y	Y	Y	Y	120
64	OKARA	RENALA KHURD	PB/34/17/104	F	22	29-08-17	7+	LATE NOTIFIED			Y	Y	Y		96
65	PAKPATTAN	PAKPATTAN	PB/66/17/044	M	17	07-07-17	7+	19-07-17	26-07-17	EV	N	Y	Y	Y	149
66	RAJANPUR	ROJHAN	PB/82/17/094	M	84	10-08-17	7+	27-08-17	28-08-17	NVI	Y	Y	Y		115
67	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	234
68	RAJANPUR	RAJANPUR	PB/82/17/098	F	96	06-08-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y		119
69	RAJANPUR	ROJHAN	PB/82/17/111	M	60	30-08-17	7+	07-10-17	08-10-17	NVI	N	Y	Y		95
70	RAJANPUR	JAMPUR	PB/82/17/109	M	36	25-08-17	7+	07-10-17	08-10-17	EV	N	Y	Y		100
71	RAWALPINDI	RAWALPINDI	PB/11/17/161	M	33	22-08-17	7+	22-09-17	24-09-17	NVI	N	N	N	DIED	103
72	RAWALPINDI	RAWALPINDI	PB/11/17/155	M	30	24-08-17	7+	14-09-17	15-09-17	EV	N	N	Y	Y	101
73	RAWALPINDI	RAWALPINDI	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	121
74	RYKHAN	RAHIM YAR KHAN	PB/72/17/172	M	72	22-08-17	7+	23-08-17		NVI	Y	N	Y	DIED	103
75	RYKHAN	KHANPUR	PB/72/17/206	M	30	01-09-17	7+	15-10-17	16-10-17	NVI	N	Y	Y	Y	93
76	SAHIWAL	SAHIWAL	PB/65/17/078	M	36	21-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y		104
77	SHEIKHUPURA	FEROZEWALA	PB/33/17/074	F	108	23-07-17	7+	24-08-17	25-08-17	NVI	Y	Y	Y	Y	133
78	SHEIKHUPURA	MURIDKE	PB/33/17/081	M	32	21-08-17	7+	28-09-17	29-09-17	NVI	N	Y	Y	Y	104
79	SHEIKHUPURA	MURIDKE	PB/33/17/084	M	36	20-08-17	7+	09-10-17	10-10-17	NVI	Y	N	Y	Y	105
80	SIALKOT	SIALKOT	PB/25/17/069	M	18	24-07-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y	Y	132
81	SIALKOT	SIALKOT	PB/25/17/073	F	110	31-08-17	7+	12-09-17	15-09-17	NVI	N	Y	Y	Y	94
82	TTSINGH	KAMALIA	PB/52/17/077	F	1	29-06-17	0	21-07-17	22-07-17		N	Y	Y		157
83	TTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	117
84	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+				N	N	N	Y	169

* Afp.rec Data as of 04-12-2017

€ 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	JAMSHORO	SEHWAN	SD/25/17/028	F	96	28-08-17	7+	02-10-17	03-10-17	NVI	N	N	Y	Y	97
86	KASHMORE	KANDHKOT	SD/54/17/028	M	24	17-07-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	139
87	KHIGADAP	GADAP	SD/63/17/039	F	42	29-08-17	7+	19-09-17	20-09-17	EV	N	Y	Y	Y	96
88	KHIGADAP	GADAP	SD/63/17/036	M	108	20-08-17	7+	29-08-17		NVI	N	N	Y	DIED	105
89	KHILANDHI	LANDHI	SD/69/17/048	M	120	02-09-17	7+	26-10-17	27-10-17	EV	Y	Y	Y	Y	92
90	SANGHAR	TANDO ADAM	SD/32/17/040	M	5	25-07-17	7+	13-08-17	15-08-17	VACC	Y	N	Y	Y	131
91	SHIKARPUR	LAKHI	SD/52/17/047	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	N	Y	Y	Y	105
92	SHIKARPUR	GARHI YASIN	SD/52/17/051	F	36	15-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	141
93	SUJAWAL	JATI	SD/79/17/069	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	Y	Y	Y	Y	105
94	SUJAWAL	JATI	SD/79/17/070	M	36	19-08-17	7+	26-09-17	27-09-17	NVI	Y	N	Y	Y	106
95	SUJAWAL	SHAH BUNDER	SD/79/17/078	M	36	08-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	117
96	BANNU	BANNU	KP/61/17/027	F	52	01-09-17	7+	15-09-17	16-09-17	NVI	N	Y	UK	Y	93
97	BANNU	BANNU	KP/61/17/036	F	6	27-04-17	1	LATE NOTIFIED			UK	N	UK	Y	220
98	BATAGRAM	ALLAI	KP/11/17/027	M	96	30-08-17	7+	09-09-17		NVI	Y	Y	Y	Y	95
99	DIKHAN	DIKHAN	KP/60/17/044	M	28	03-09-17	7+	LATE NOTIFIED			N	Y	Y	Y	91
100	DIRUPPER	DIR	KP/25/17/024	F	72	06-06-17	7+	13-07-17	14-07-17	NVI	Y	N	Y	Y	180
101	KARAK	BANDA DAUD SHAH	KP/51/17/057	F	105	28-05-17	7+	LATE NOTIFIED			N	N	Y	Y	189
102	KARAK	KARAK	KP/51/17/058	F	19	07-06-17	7+				UK	Y	Y	Y	179
103	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	7+				N	Y	UK	Y	150
104	KARAK	TAKHT E NASRATI	KP/51/17/065	F	16	10-06-17	7+				Y	Y	UK	Y	176
105	LAKKIMRWT	LAKKIMRWT	KP/62/17/040	F	120	30-08-17	7+	23-09-17		NVI	N	Y	Y		95
106	LAKKIMRWT	LAKKIMRWT	KP/62/17/055	F	1	01-07-17	1	LATE NOTIFIED			Y	N	Y	Y	155
107	LAKKIMRWT	LAKKIMRWT	KP/62/17/058	F	24	02-08-17	7+	LATE NOTIFIED			N	Y	UK	Y	123
108	MANSEHRA	MANSEHRA	KP/14/17/060	M	96	02-09-17	7+				Y	N	UK		92
109	NOWSHERA	NOWSHERA	KP/32/17/069	F	11	22-08-17	6	18-10-17	19-10-17	NVI	N	Y	N	Y	103
110	SHANGLA	BISHAM	KP/26/17/028	M	11	29-03-17	7+	LATE NOTIFIED			N	Y	Y	Y	249
111	SWABI	LAHORE	KP/41/17/111	F	22	07-08-17	7+	10-11-17	11-11-17	EV	Y	N	N	Y	118
112	BARKHAN	BARKHAN	BN/23/17/013	M	84	28-08-17	7+	07-09-17		NVI	N	N	Y		97
113	CHAGHAI	DALBANDIN	BN/13/17/007	F	14	31-08-17	7+	06-10-17	08-10-17	NVI	Y	Y	Y	Y	94
114	DBUGTI	PHELAWAGH	BN/35/17/010	M	114	22-08-17	7+	05-09-17	07-09-17	NVI	Y	Y	Y		103
115	KABDULAH	CHAMAN	BN/14/17/032	M	3	07-08-17	3	23-09-17	24-09-17	EV	Y	Y	N	Y	118
116	KSAIFULAH	MUSMIL BAGH	BN/25/17/009	F	57	20-08-17	7+	22-09-17	23-09-17	EV	Y	Y	Y	Y	105
117	WASHUK	BASIMA	BN/57/17/005	F	48	28-08-17	3	25-09-17	26-09-17	EV	Y	N	Y		97
118	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3	DIED BEFORE STOOL			Y	N	Y	DIED	191
119	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+	LATE NOTIFIED			Y	N	Y		107
120	HATTIAN	HATTIAN	AJ/90/17/001	F	156	05-03-17	3	30-03-17	31-03-17	NVI	Y	N	Y	Y	273
121	HATTIAN	HATTIAN	AJ/90/17/005	M	174	15-06-17	7+	21-07-17	22-07-17	NVI	N	N	N	Y	171
122	HAVELI	HAVELI	AJ/51/17/002	M	13	18-02-17	7+	24-05-17	25-05-17	EV	N	Y	Y	Y	288
123	HAVELI	HAVELI	AJ/51/17/006	M	60	07-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	118
124	KOTLI	KOTLI	AJ/30/17/002	F	156	01-01-17	7+	17-02-17			Y	Y	Y	Y	336
125	MIRPUR	MIRPUR	AJ/20/17/002	F	42	20-01-17	7+	19-02-17		NVI	Y	N	N	Y	317
126	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	169

* Afp.rec Data as of 04-12-2017

€ 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)
127	POONCH	HAIIRA	AJ/40/17/008	M	136	08-02-17	7+	14-03-17	15-03-17	NVI	N	N	Y	Y	298
128	POONCH	HAIIRA	AJ/40/17/013	F	24	19-03-17	7+	28-04-17	29-04-17	NVI	Y	Y	Y	DIED	259
129	SUDNUTI	PALLANDARI	AJ/70/17/003	F	24	14-07-17	7+	06-08-17	07-08-17	NVI	Y	N	Y	Y	142
130	ICT	ICT	IB/02/17/024	M	33	30-04-17	7+	23-05-17	25-05-17	NVI	UK	UK	Y	Y	217
131	KURRAM	CENTRAL KURRAM	FT/52/17/018	M	4	28-08-17	0	10-09-17	21-09-17	NVI	N	N	Y	Y	97
132	KURRAM	UPPER KURRAM	FT/52/17/019	M	96	26-08-17	7+	12-09-17	14-09-17	NVI	Y	Y	UK	Y	99
133	ORAKZAI	UPPER ORAKZAI	FT/53/17/028	F	12	24-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	101
134	WAZIR-S	BIRMAL	FT/65/17/017	F	24	16-06-17	7+	02-07-17	05-08-17	EV	Y	Y	Y		170

* Afp.rec Data as of 04-12-2017

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.