



**World Health
Organization**

Weekly AFP Surveillance Update Pakistan

Week 46 (*Ended on 18th November, 2017*)

National Surveillance Cell

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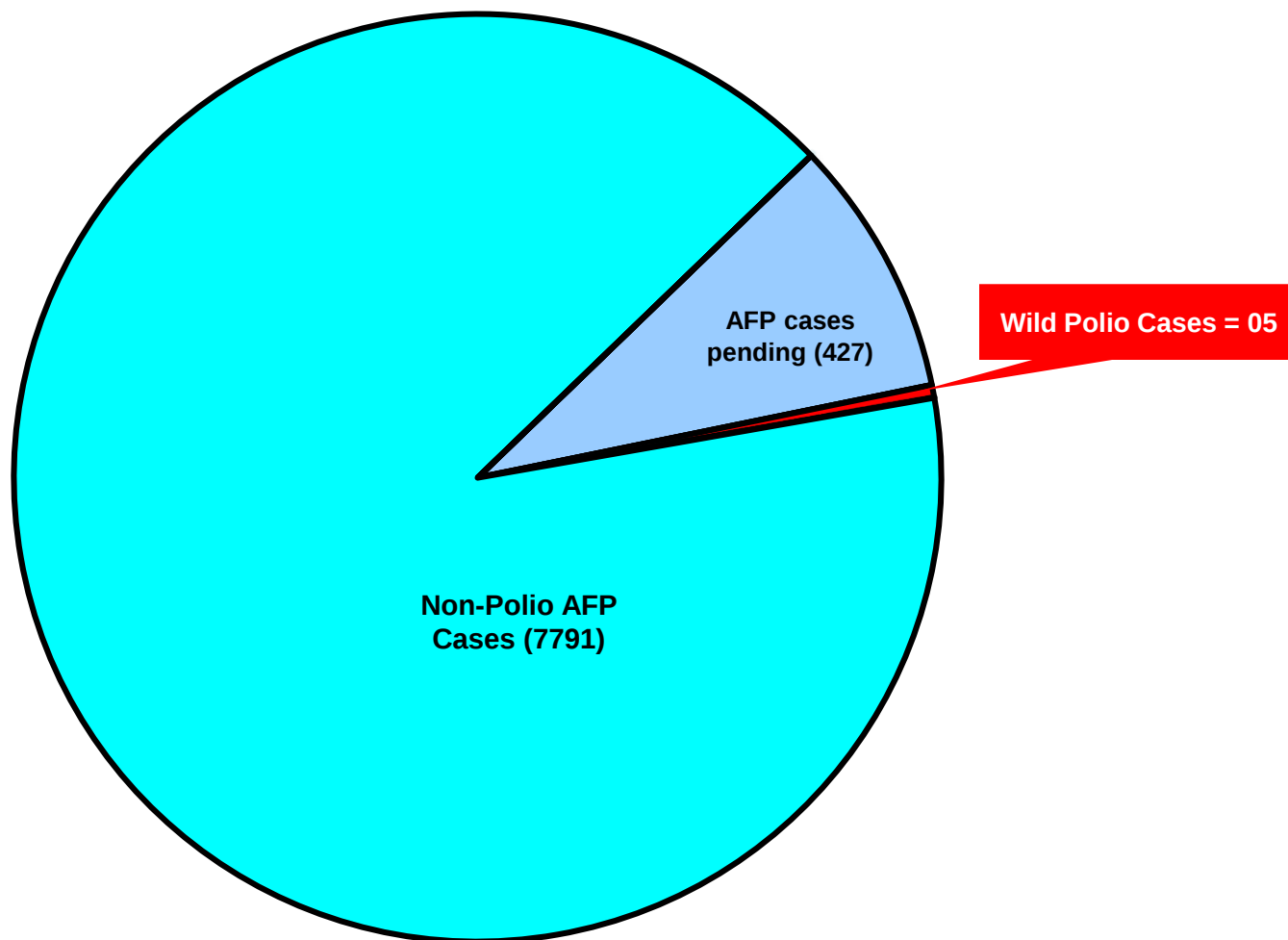
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AFP Surveillance



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

AFP Case Profile, 2017*



Total AFP Cases Reported = 8223

^ 233 Inadequate cases not due for FUP

^ 194 cases Pending in the Lab

^ 94 AFP Cases pending for classification by ERC

* Afp.rec Data as of 20-11-2017

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	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 20-11-2017

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

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

Basic information											OPV doses				Urgent		Prov	Lab update			Remarks	
S. #	District	Tier	Tehsil	Union council	Epid number	Date of Onset	Age (M)	Sex	Date of 1st stool	Stool Adeq	RI	SIAs	Last 6 SIAs	Last dose	Field %	NSC %	Diagnosis	Lab No.	Days Inoc	Culture update		
Isolates pending for ITSD																						
1	DBUGTI *	4	SUI	SUI-1	BN/35/17/012	28-Sep-17	12	F	02-Nov-17	N	0	1	1	30-Oct-17	N	Y	LAB11508 REPLACE WITH 11506B.	11736	10	L20B+		
2	DBUGTI	4	SUI	SUI-1	BN/35/17/012-C1		36	M	03-Nov-17	-	-	-		30-Oct-17	N	-	-		11737	5	L20B+	
3	MOHMAND *	2	#	#	FT/35/17/071	01-Nov-17	4	M	09-Nov-17		#	#		23-Sep-17	N	#	*		11831		L20B+	
4	ICT	3	#	#	IB/02/17/052-C3		18	F	08-Nov-17	-	-	-		18-Sep-17	N	-	-		11891	6	L20B+	
5	DIKHAN	2	PAROVA	NAIWAILA	KP/60/17/041	30-Oct-17	18	F	06-Nov-17	Y	3	7+	6	09-Oct-17	N	#	HEMIPLEGIA	11810	2	L20B+		
6	KARAK	2	KARAK	JUNDRI	KP/51/17/071	19-Oct-17	5	F	02-Nov-17	Y	3	3	3		N	Y	*	11522	8	L20B+		
7	SWABI	4	RAZZAR	SUDHER	KP/41/17/107-C1		30	F	08-Nov-17	-	-	-			N	-	-		11726	4	L20B+	
8	RAWALPINDI	3	#	#	PB/11/17/194-C1		48	F	08-Nov-17	-	-	-		30-Oct-17	N	-	-		11729	5	L20B+	
9	JACOBABAD	2	THUL	TAJO KHOSO	SD/53/17/069	22-Oct-17	36	F	02-Nov-17	Y	3	7+	6	10-Oct-17	N	#	(FT)HEMIPLEGIA	11714	5	L20B+		
10	LARKANA	3	LARKANA	LARKANA-4	SD/51/17/075	29-Oct-17	14	F	02-Nov-17	Y	3	7+	6	10-Oct-17	N	#	MONOPLLEGIA	11711	5	L20B+		
11	SUKKUR	3	#	#	SD/41/17/077	31-Oct-17	42	F	05-Nov-17	N	#	#		31-Oct-17	N	#	*	11792	2	L20B+		
Reported urgent (by field / NSC% criteria)																						
12	BARKHAN	4	BARKHAN	BARKHAN	BN/23/17/015	29-Oct-17	8	M	03-Nov-17	Y	1	4	4	09-Oct-17	N	Y	UNNOTICED TRAUMA	11630	12	UP		
13	ICT	3	#	#	IB/02/17/052	02-Oct-17	100	M	07-Nov-17	N	#	#			N	#	*	11688	11	UP	Index of C-3	
14	SWABI	4	RAZZAR	SUDHER	KP/41/17/107	30-Sep-17	135	M	03-Nov-17	N	3	7+			N	N	Transverse Myelitis	11566	14	UP	Index of C-1 and C-3	
15	MUZFARGARH	2	MUZFARGARH	CITY NO-3	PB/83/17/231	31-Oct-17	7	M	08-Nov-17	Y	3	3	3	18-Sep-17	N	Y	TN	11795	7	UP		
16	RAWALPINDI	3	#	#	PB/11/17/194	01-Nov-17	23	M	03-Nov-17	N	#	#		30-Oct-17	N	#	*	11597	13	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

OPending for genomic sequencing

As on 20-11-2017

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	856	542	2	0	20	2	290	34%	2	852	100%
September	845	489	4	02	68	8	284	34%	0	841	100%
October	837	509	106	06	36	4	187	22%	0	732	87%
November	87	3	82	02	1	1	1	1%	0	5	6%
Pakistan	8279	5709	194	10	415	5	1957	24%	5	8004	97%

*Data as of 20-11-2017

Comparison of Environmental Sampling Results, 2016-17*

DISTRICT	2016					2017					Last
	TOTAL	WILD				TOTAL	WILD				
		GRAB	BMFS	TOTAL			GRAB	BMFS	TOTAL		
		n	n	n	%		n	n	n	%	
LAHORE	57	2	1	3	5%	51			0	0%	18-Oct-16
MULTAN	32	1		1	3%	30	1		1	3%	9-Jan-17
DGKHAN	30	1		1	3%	30			0	0%	12-May-16
RAWALPINDI	23	2	1	3	13%	22	6	2	8	36%	10-Oct-17
FAISALABAD	34	1	1	2	6%	20			0	0%	2-Jul-16
SARGODHA *				0		10			0	0%	
BAHAWALPUR *				0		10			0	0%	
CDA	11			0	0%	10	5		5	50%	10-Jul-17
KHIGIQBAL	23	1	1	2	9%	22	5	1	6	27%	10-Oct-17
KHIGADAP	33	4		4	12%	30	18		18	60%	12-Oct-17
KHIBALDIA	22	1		1	5%	10	1		1	10%	8-Aug-17
KHILANDHI	5			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%	26	1	1	2	8%	19-Sep-17
HYDERABAD	17	1		1	6%	10			0	0%	5-Jan-16
JACOBABAD	15		3	3	20%	11	1	1	2	18%	11-Sep-17
SANGHAR *				0		10			0	0%	
DADU *				0		10			0	0%	
KAMBAR *				0		10	1		1	10%	15-Aug-17
PESHAWAR	35	7	1	8	23%	23	4	2	6	26%	10-Oct-17
DIKHAN	44	1		1	2%	19			0	0%	16-Jul-16
BANNU *				0		9			0	0%	
KOHAT *				0		9			0	0%	
CHARSADA *				0		10			0	0%	
MARDAN *				0		10			0	0%	
NOWSHERA *				0		10			0	0%	
KABDULAH	22	5		5	23%	20	13		13	65%	15-Oct-17
QUETTA	53	12		12	23%	41	10	1	11	27%	12-Oct-17
PISHIN	7	4		4	57%	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	488	45	9	54	11%	544	83	8	91	17%	1-Nov-17

* New addition in Env Surveillance Network **2017 – 42 Environmental samples are under process)**

New Positive Sample

* Data as of November 20, 2017

WPV and cVDPV Cases by District in 2017

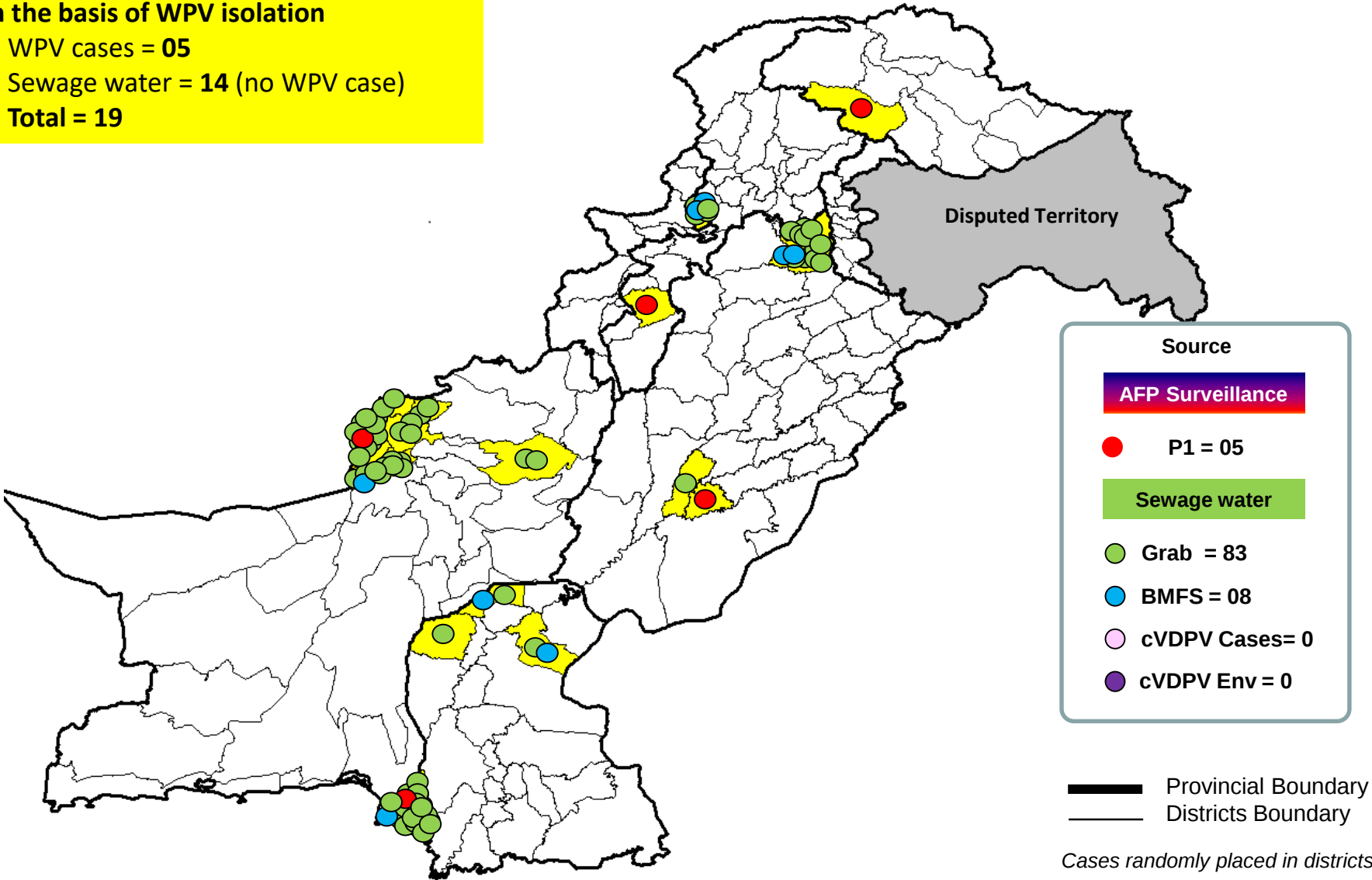
PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KPAKHTUNKHWA	LAKKIMRWT	21-Aug	1		
Total		21-Aug	01		
SINDH	KHIGIQBAL	11-Aug	1		
Total		11-Aug	01		
BALUCHISTAN	KABDULAH	11-June	1		
Total		11-June	01		
G-Baltistan	DIAMIR	13-Feb	1		
Total		13-Feb	01		
PUNJAB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

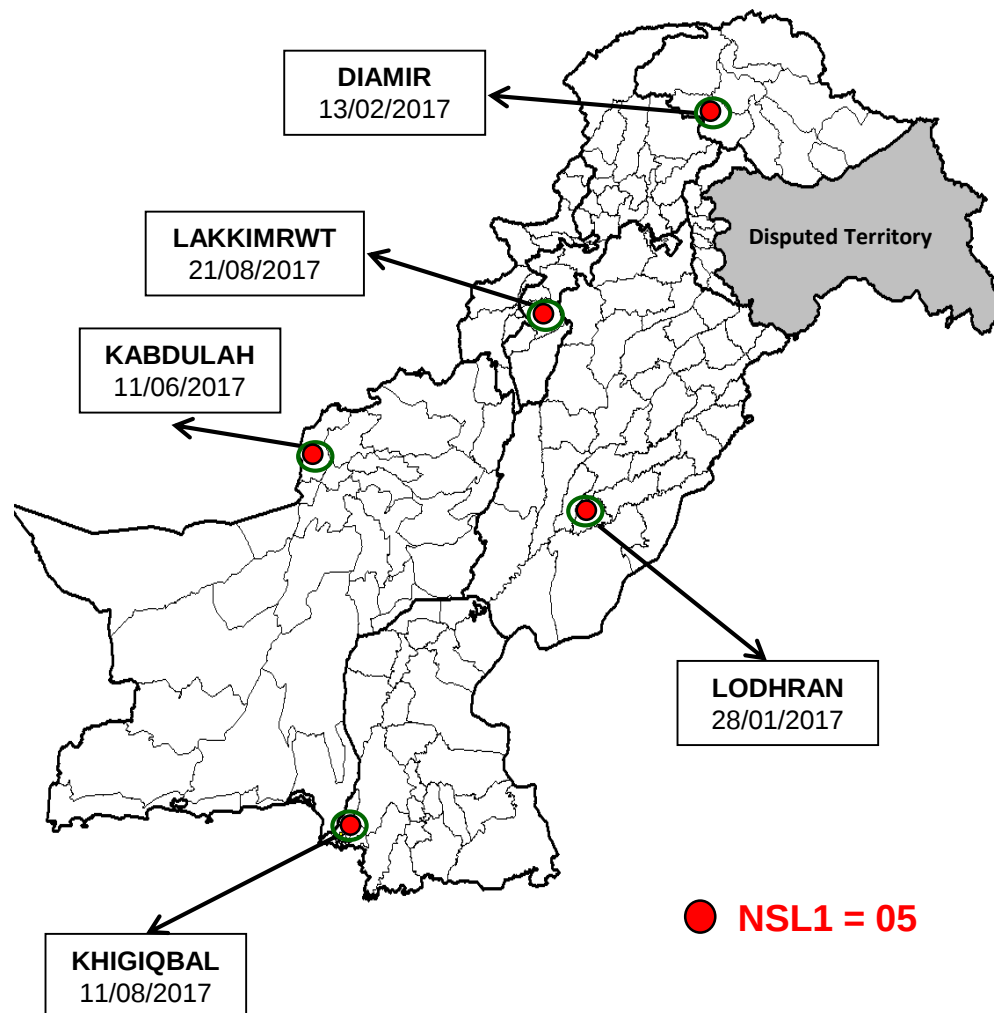


Cases randomly placed in districts

* Afp.rec Data as of 20-11-2017

Map1: Distribution of Wild Polio Cases Pakistan 2017*

Districts/Towns with Wild Polio Cases = 05



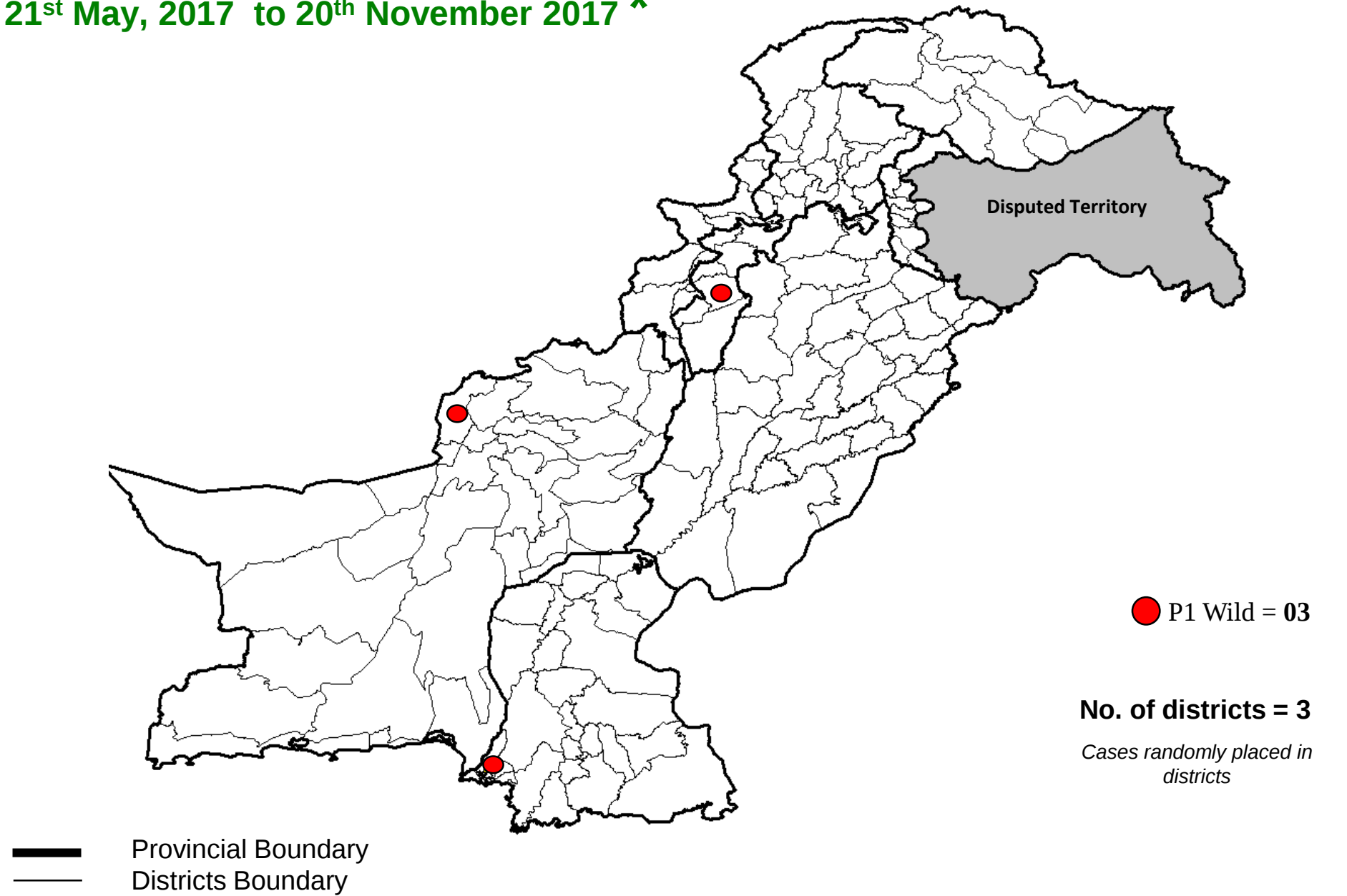
Province/ Country	Date of Last Case		Number of cases 2017	
	P1	P3	P1	P3
FATA	Jul, 2016	Apr, 2012	-	-
KHYBER-PAKHTUNKHWA	Aug, 2017	Oct, 2010	01	-
SINDH	Aug, 2017	Jan, 2010	01	-
BALUCHISTAN	Jun, 2017	Apr, 2010	01	-
PUNJAB	Jan, 2017	Jun, 2010	01	-
AJK	Jun, 2000	Jun, 2000	-	-
GILGIT-BALTISTAN	Feb, 2017	-	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

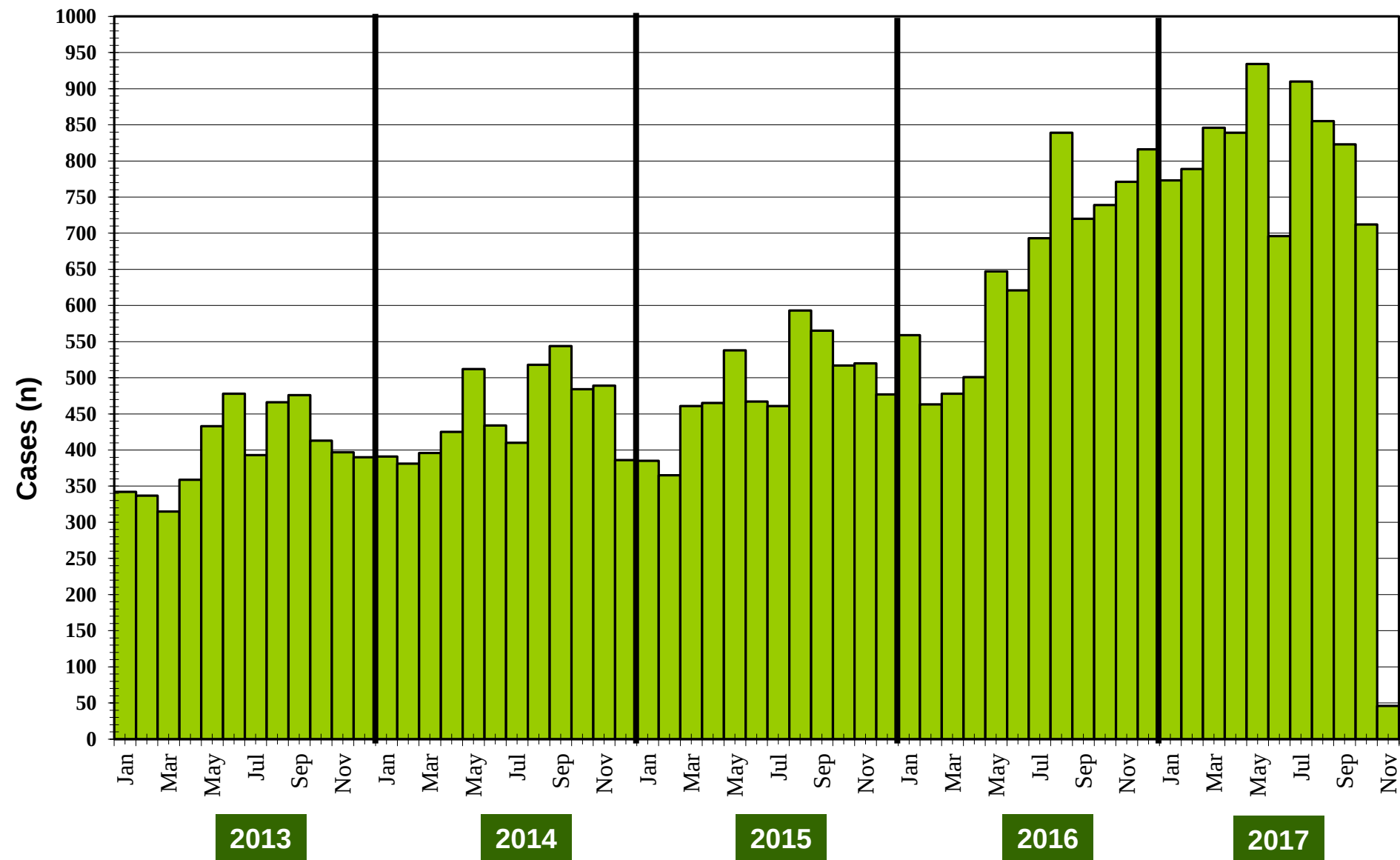
Map 3: Wild Polio cases in the last 6 months

21st May, 2017 to 20th November 2017 *



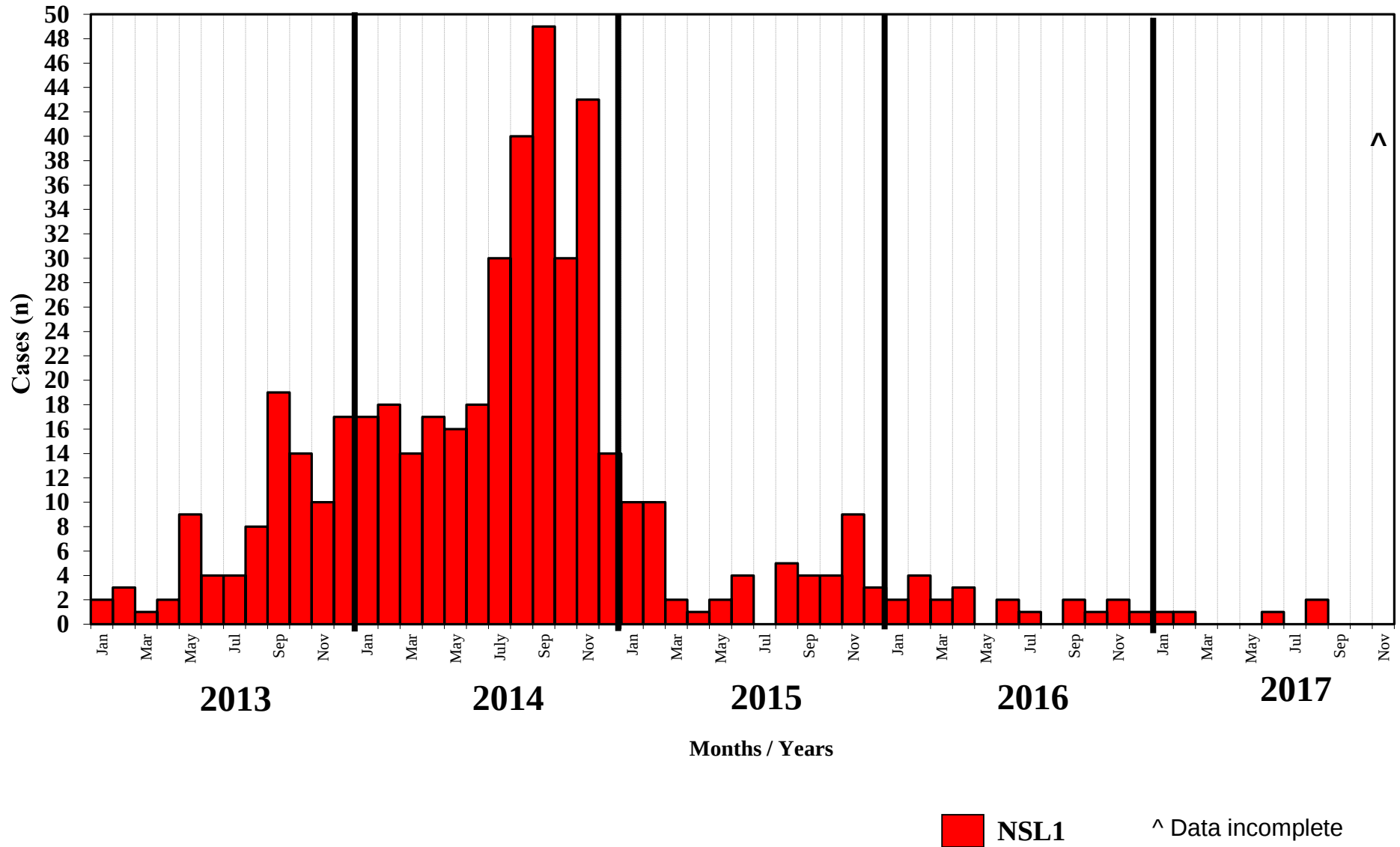
* Afp.rec Data as of 20-11-2017

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



* Afp.rec Data as of 20-11-2017

Confirmed Polio Cases 2013-2017*



* Afp.rec Data as of 20-11-2017

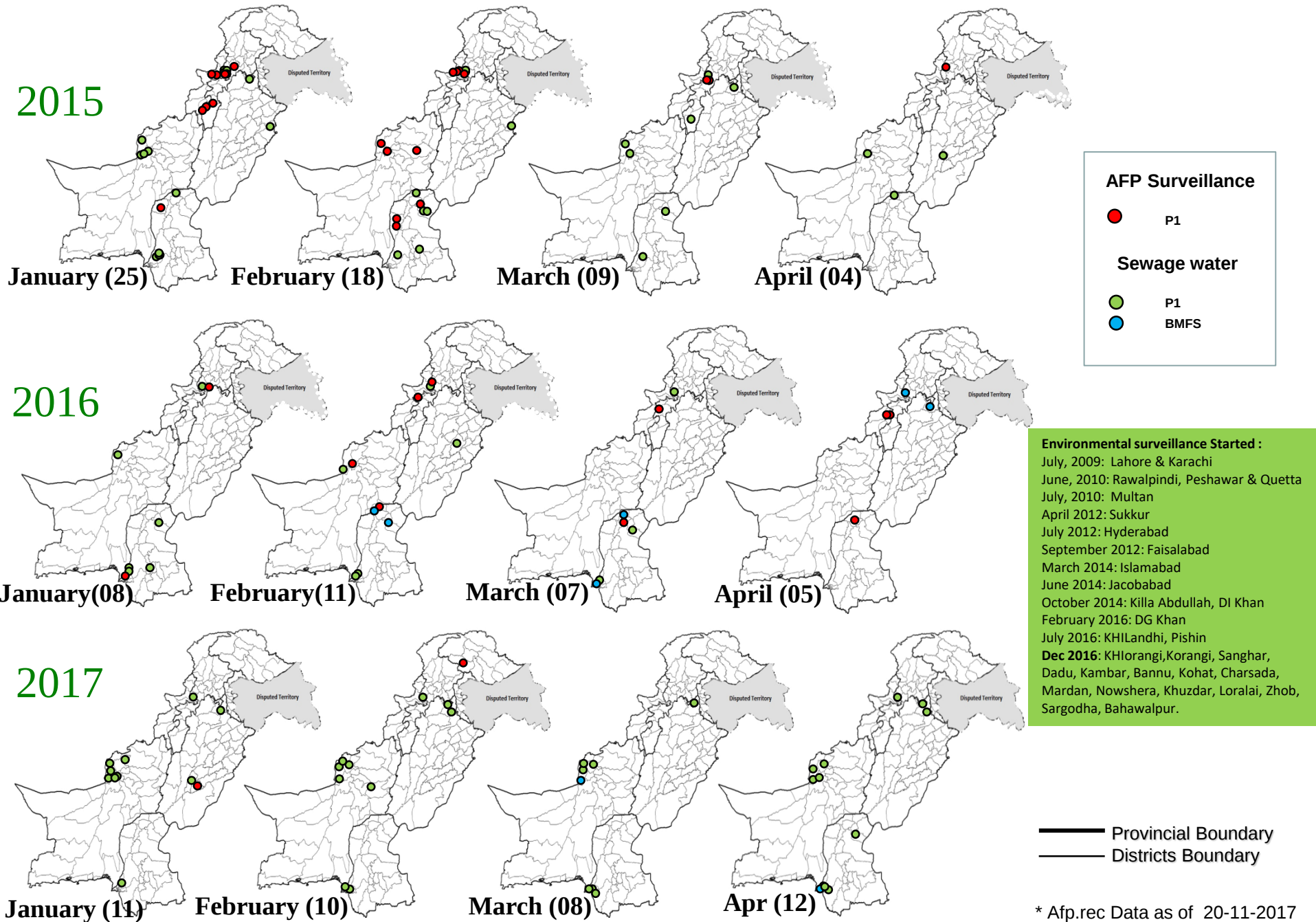
**Table 4: Distribution of AFP Cases By Week of Onset ^
Pakistan- 2017* [Week number / Ending on]**

PROVINCE	W 31 05 Aug 2017	W 32 12 Aug 2017	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
PUNJAB	103	82	86	88	75	84	76	71	77	78	71	80	65	42	6
SINDH	43	45	37	40	24	46	43	51	27	60	37	35	47	28	4
FATA	9	13	11	16	11	7	21	19	11	14	12	11	8	6	0
BALUCHISTAN	9	11	16	11	9	14	18	14	14	13	8	11	9	3	3
AJK	2	2	3	2	2	3	3	2	5	8	4	7	3	4	1
GILGIT BILTISTAN	1	5	3	2	0	1	5	2	2	1	4	0	1	0	0
ISLAMABAD	1	4	2	3	2	5	2	2	0	4	5	3	3	2	1
KPAKHTUNKHWA	42	41	36	40	38	53	56	46	46	53	44	45	45	41	5
PAKISTAN	210	203	194	202	161	213	224	207	182	231	185	192	181	126	20

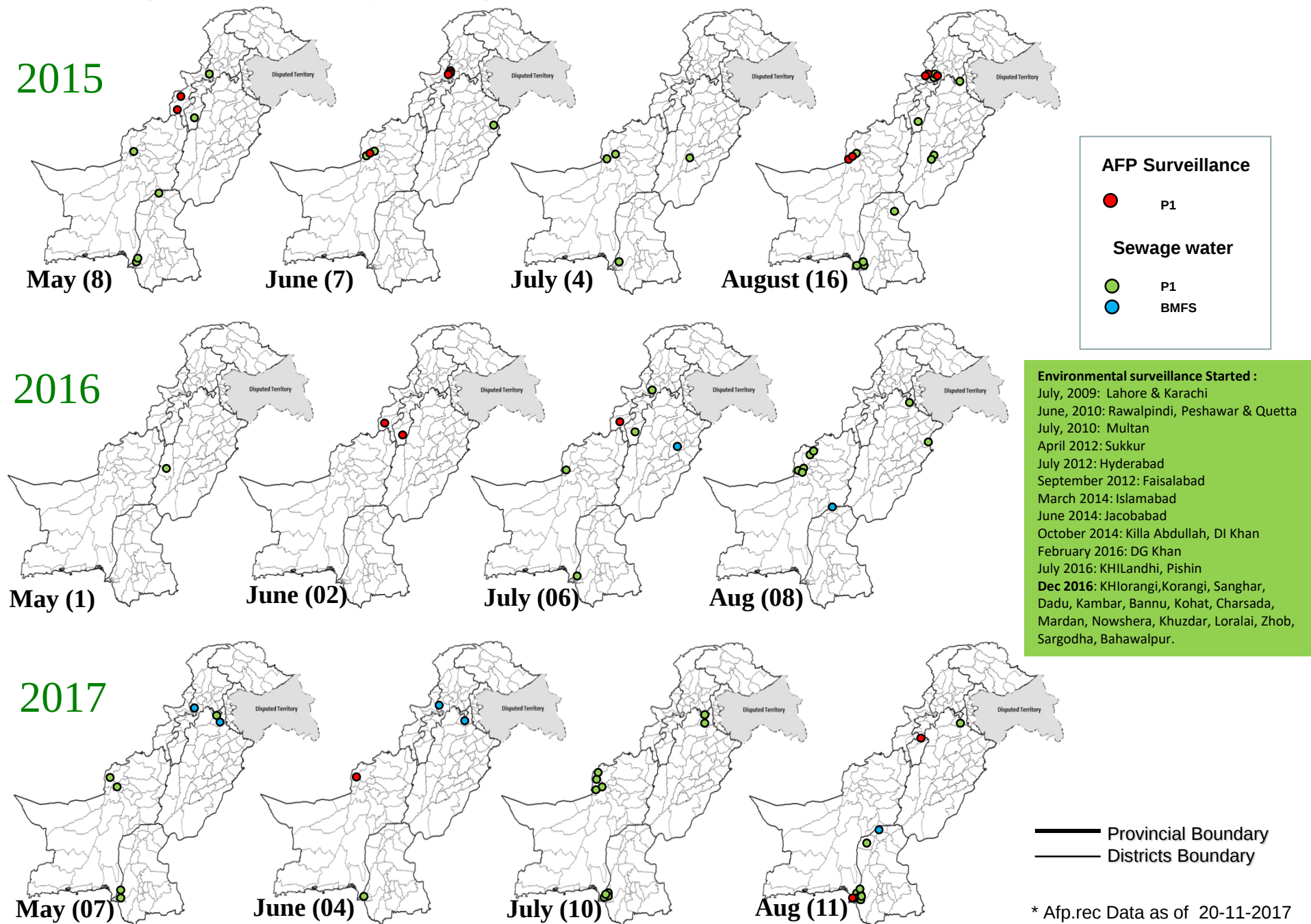
* Afp.rec & Afplab.rec: Data as of 20-11-2017

^ MMWR Epidemiological Weeks

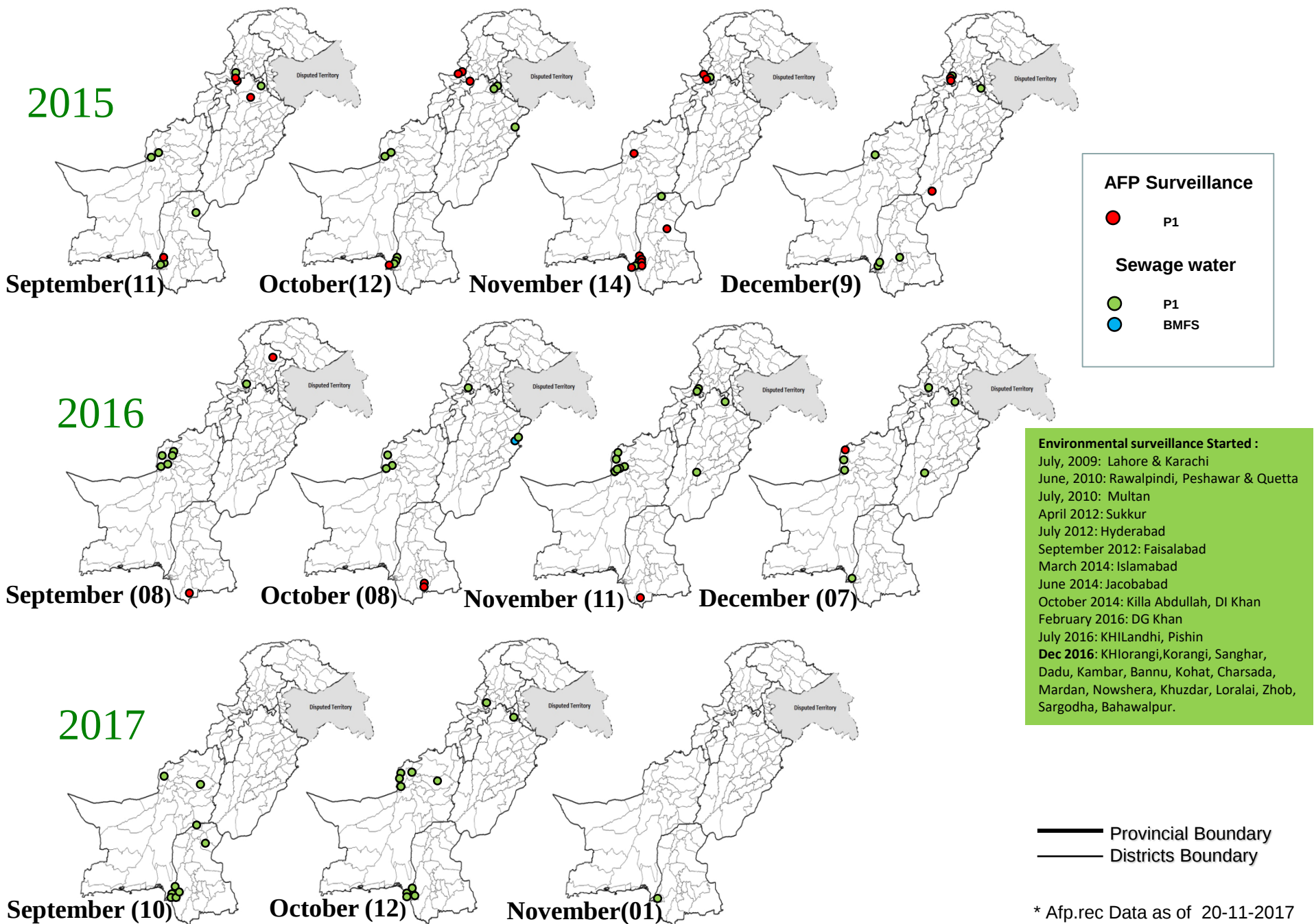
Map 4: Monthly Comparison of Polio Cases/Isolates 2015-2017*



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



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



* Afp.rec Data as of 20-11-2017

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

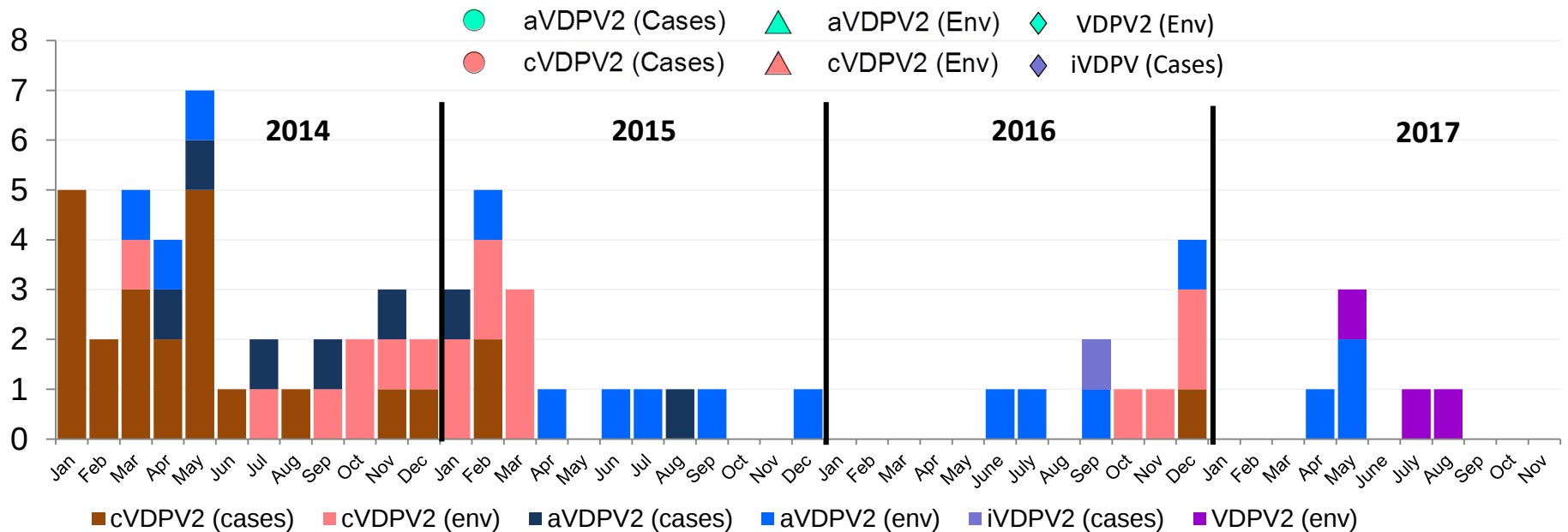
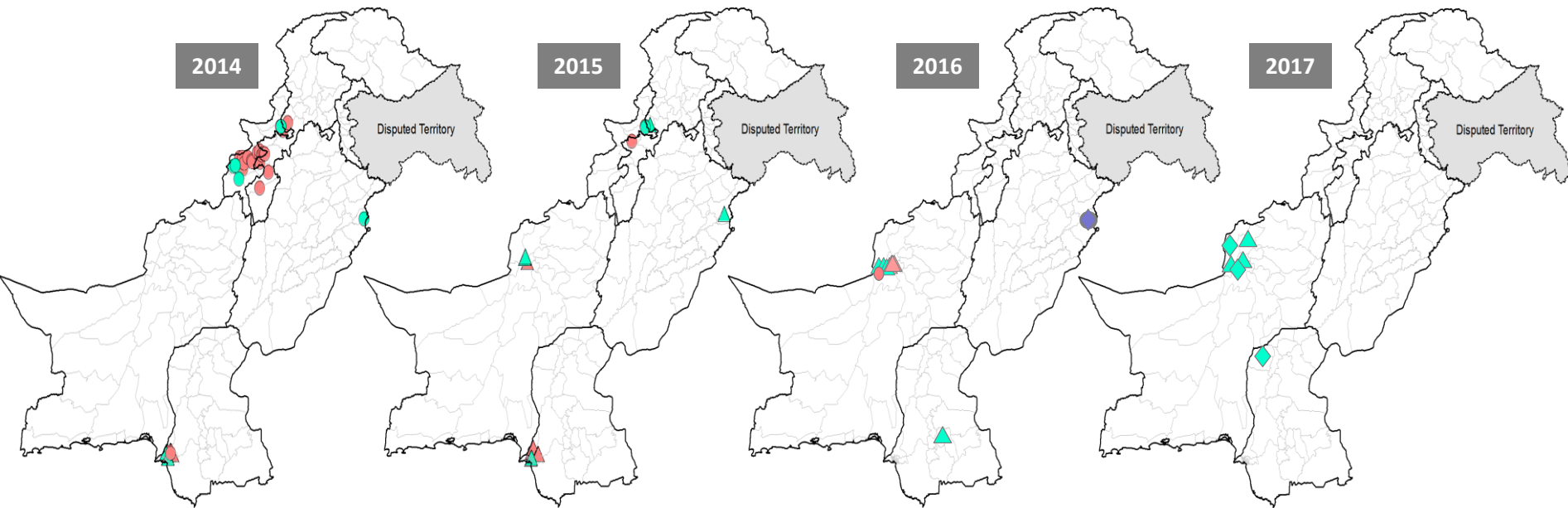


* Afp.rec Data as of 20-11-2017

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	Env	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	Cases	Env
JAFARABAD			1																									
MASTUNG			1																									
PISHIN																						1						
QUETTA									2		1		3				1	4			2							1
KABDULAH																												1
BALUCHISTAN			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							3

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



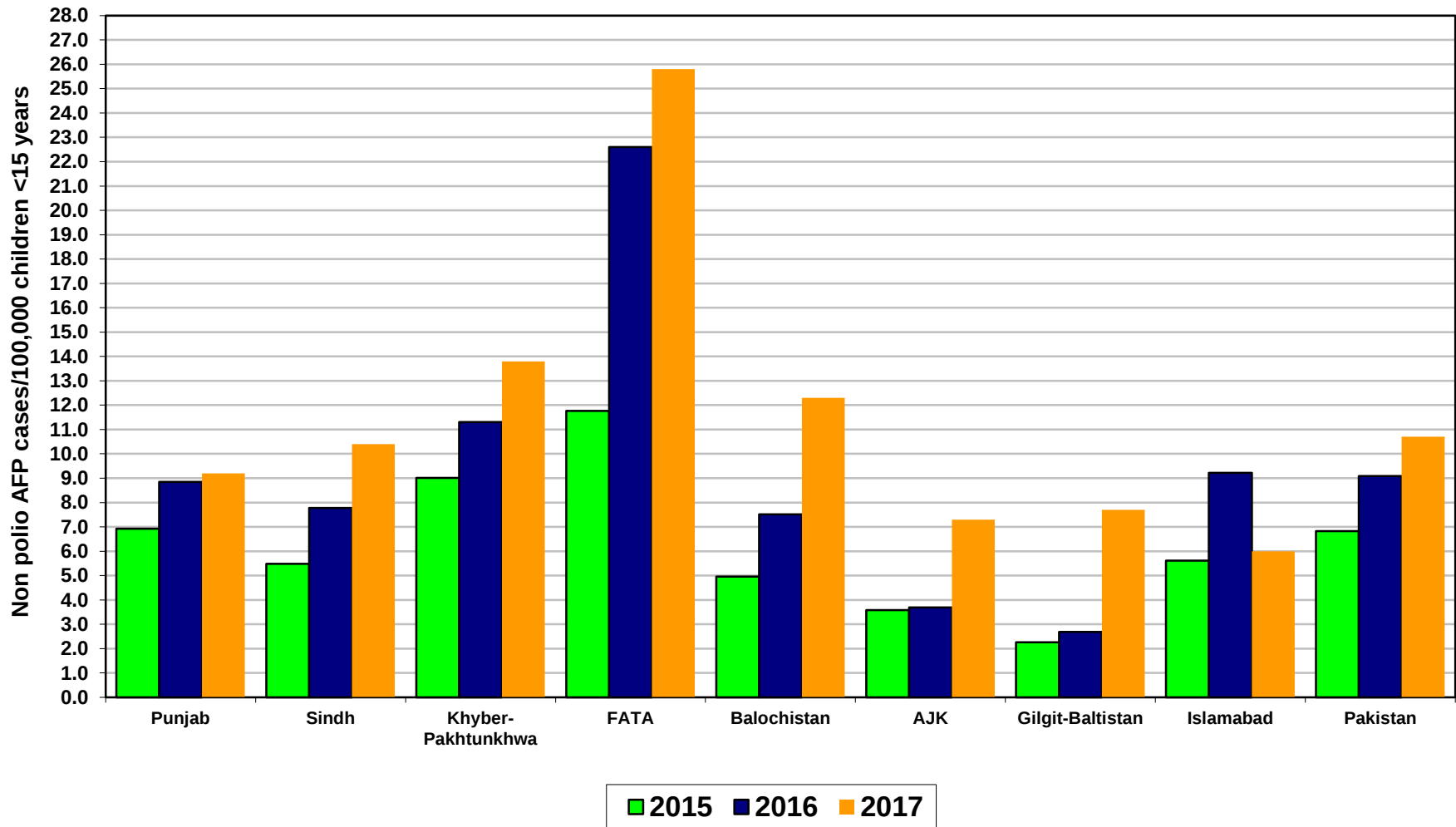
* Afp.rec Data as of 20-11-2017

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%	94%
Central Khyber Pakhtunkhwa	1%	0%	1%	1%	0%	0%	1%	0%	0%	3%	1%	1%	94%	99%	98%
North Khyber Pakhtunkhwa	1%	1%	1%	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%	4%	83%	96%	92%
Khyber Pakhtunkhwa	1%	0%	1%	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%	9%	2%	2%	3%	25%	23%	12%	54%	62%	72%
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%	4%	3%	3%	3%	19%	13%	9%	56%	80%	82%
PAKISTAN	1%	0%	0%	1%	1%	1%	1%	1%	1%	5%	4%	4%	92%	95%	95%

* Afp.rec Data as of 20-11-2017

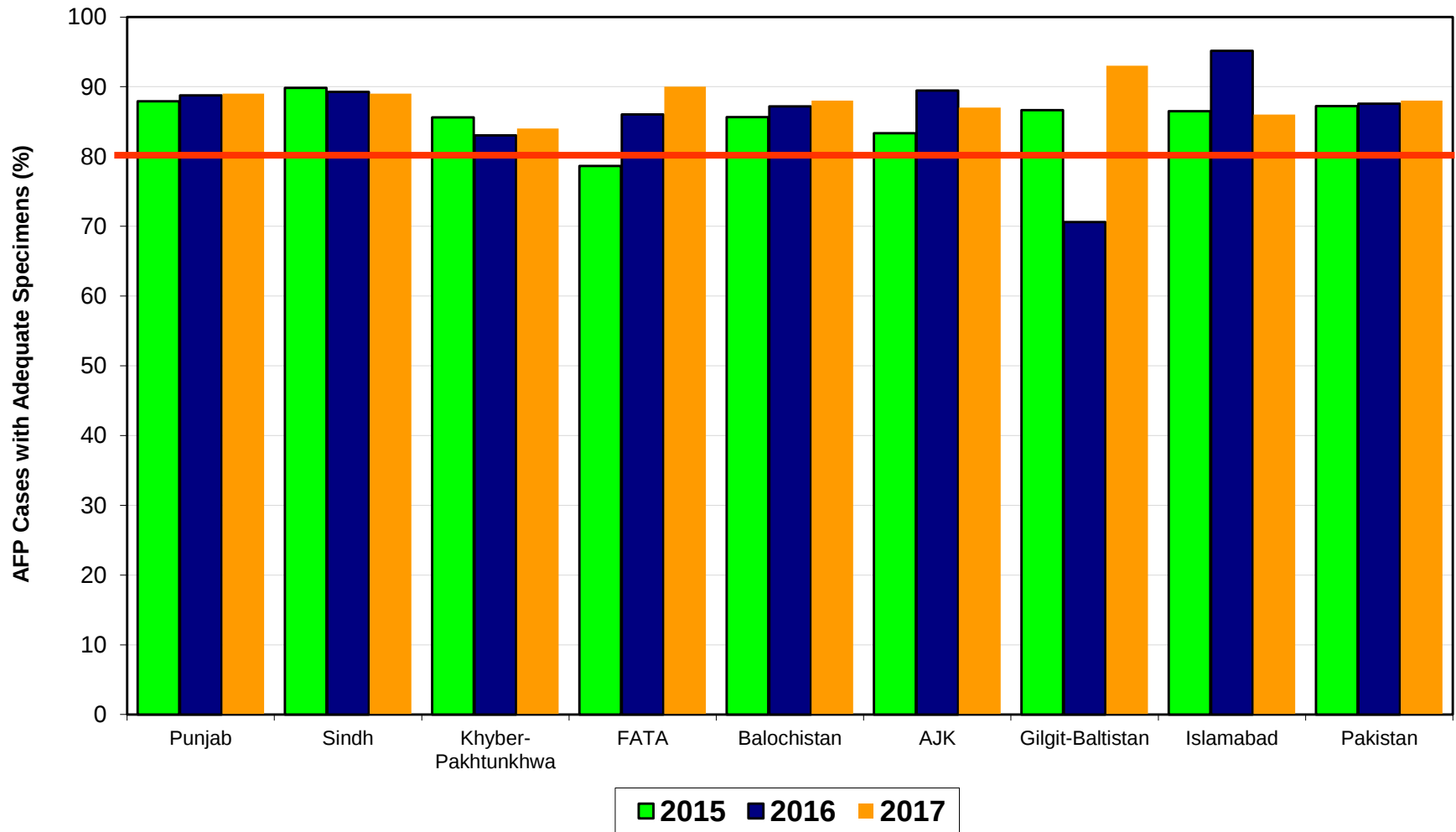
Non Polio AFP Rate By Province/Regions, 2015-2017*



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

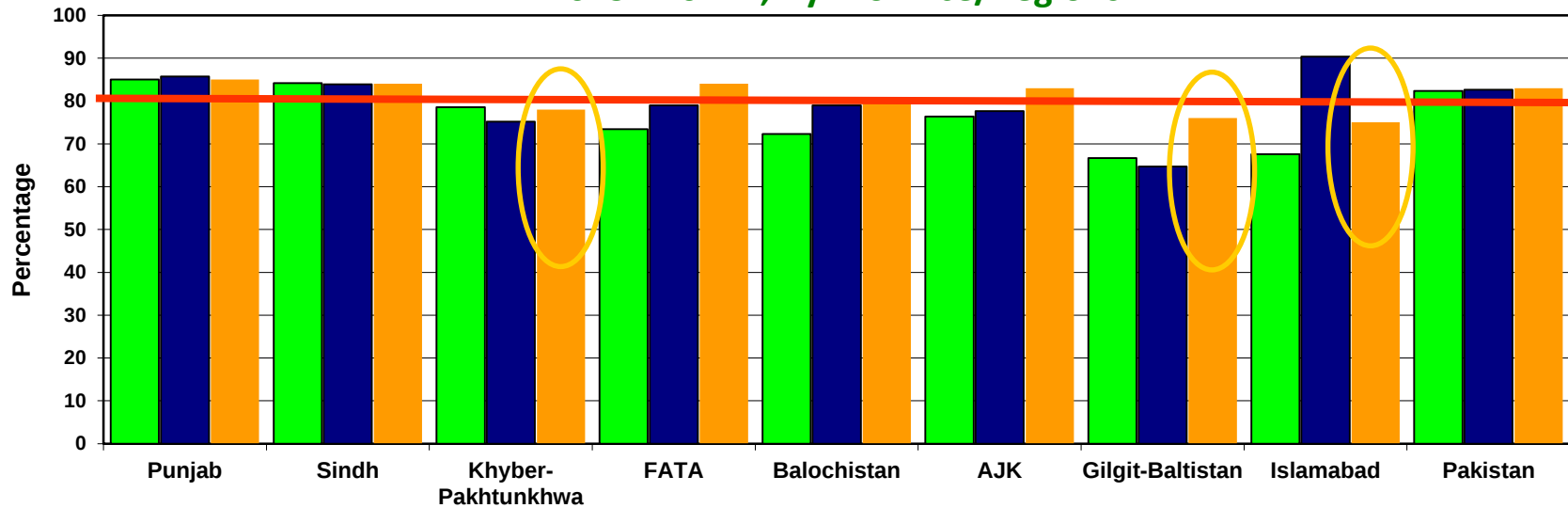
Percent AFP Cases with Adequate Specimens By Province/Regions, 2015-2017*



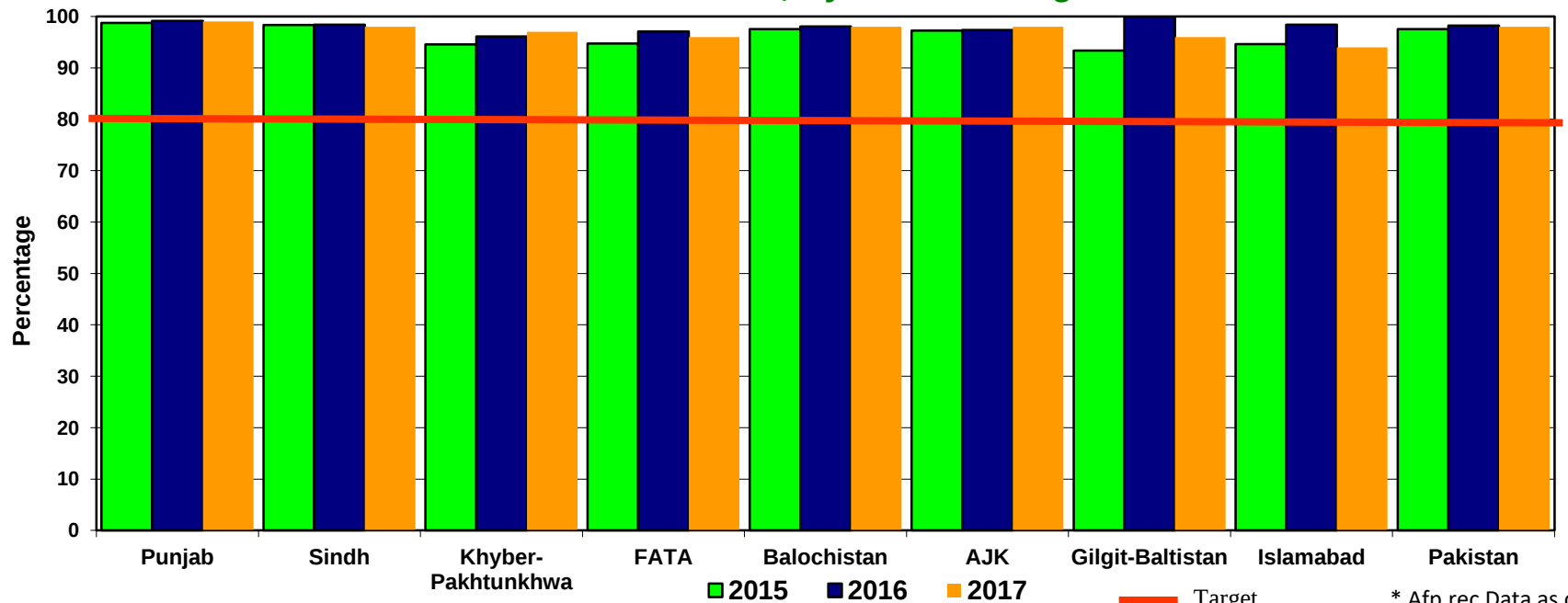
* Afp.rec Data as of 20-11-2017

— 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**



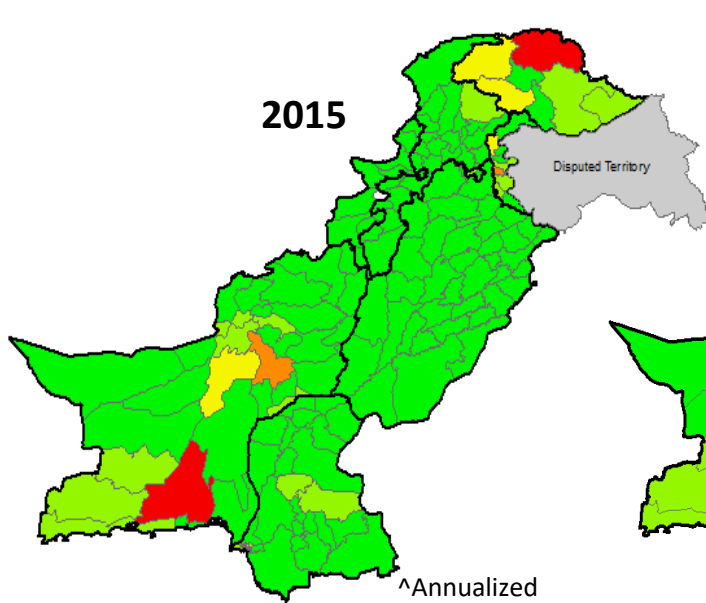
■ 2015 ■ 2016 ■ 2017

— Target

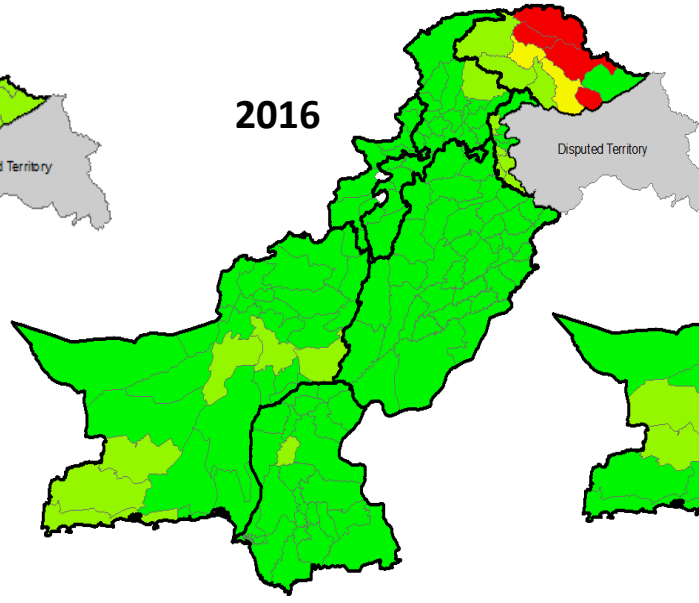
* Afp.rec Data as of 20-11-2017

Non-Polio ^ AFP Rate by District

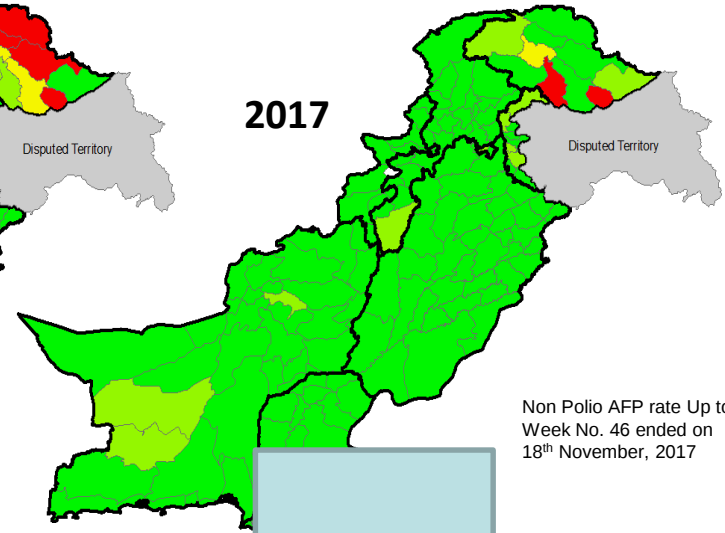
2015



2016



2017



Non Polio AFP rate Up to
Week No. 46 ended on
18th November, 2017

^Annualized

0.0000 - 0.5000

0.5001 - 0.9999

1.0000 - 1.9999

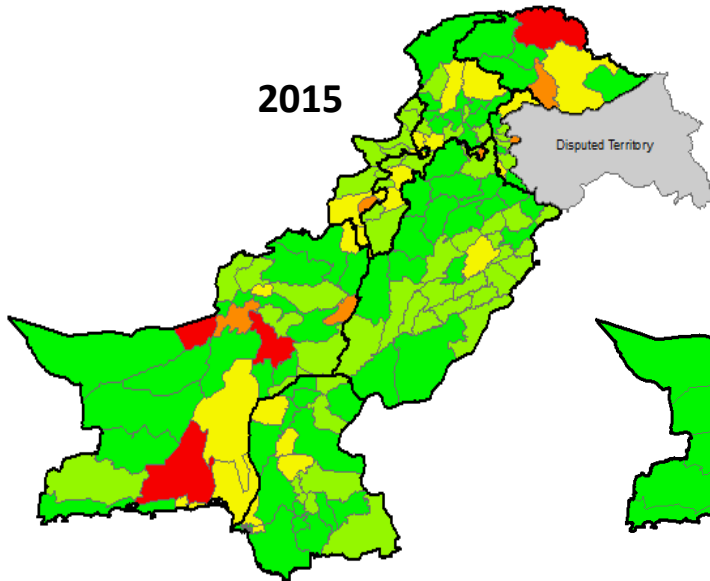
2.0000 - 3.9999

4.0000 - 5.9999

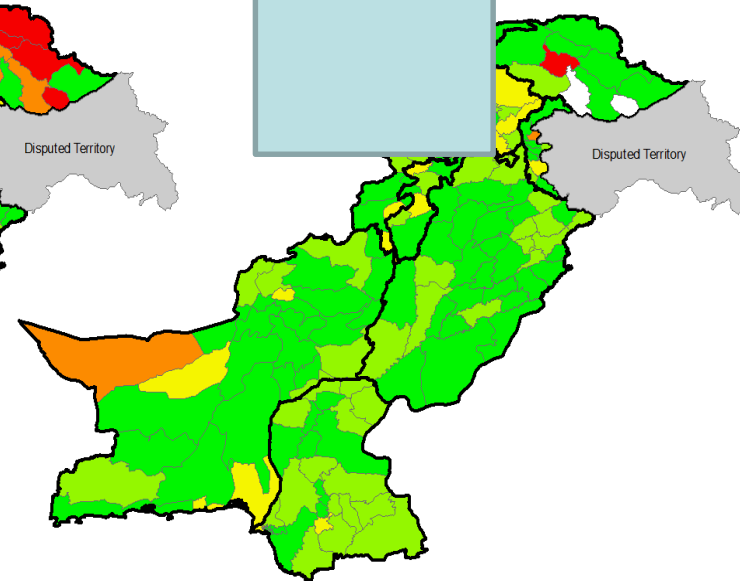
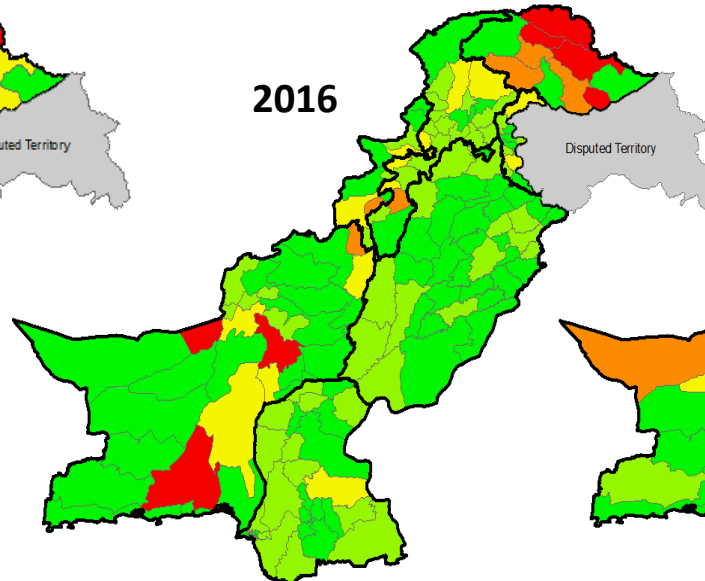
MAPS to
be updated

Percent AFP Cases with Adequate Specimens, by District

2015



2016



0 - 49

50 - 69

70 - 79

80 - 89

90 - 100

No AFP cases reported

**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	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	BHAKKAR	KALUR KOT	PB/44/17/035	M	168	24-07-17	7+	12-08-17	13-08-17	NVI	Y	N	Y	Y	118
2	CHAKWAL	TALA GANG	PB/13/17/040	M	66	16-08-17	7+	25-08-17		NVI	Y	N	Y	Y	95
3	CHAKWAL	CHAKWAL	PB/13/17/047	M	12	03-07-17	7+	03-10-17	05-10-17	NVI	Y	Y	UK	Y	139
4	DGKHAN	TAUNSA	PB/81/17/148	M	9	07-08-17	7+	07-09-17	08-09-17	EV	Y	Y	Y	Y	104
5	DGKHAN	DGKHAN	PB/81/17/175	M	18	20-07-17	7+				Y	Y	Y	Y	122
6	DGKHAN	DGKHAN	PB/81/17/178	M	20	09-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	102
7	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3				Y	Y	UK	Y	180
8	FAISALABAD	TANDLIAN WALA	PB/51/17/151	M	84	28-07-17	7+	14-08-17	16-08-17	EV	N	N	Y	Y	114
9	FAISALABAD	FAISALABAD CITY	PB/51/17/201	F	20	22-07-17	7+				N	Y	UK	Y	120
10	FAISALABAD	FAISALABAD SADAR	PB/51/17/209	M	11	04-08-17	7+	LATE NOTIFIED			N	Y	Y		107
11	GUJRANWALA	JAROOP	PB/21/17/125	F	18	26-06-17	7+	01-07-17		NVI	Y	Y	Y	DIED	146
12	GUJRANWALA	KHIALI SHAHPUR	PB/21/17/163	M	18	02-08-17	7+	07-09-17	09-09-17	EV	Y	N	Y	Y	109
13	GUJRANWALA	WAZIRABAD	PB/21/17/164	F	144	17-08-17	7+	10-09-17	12-09-17	EV	N	Y	Y	Y	94
14	GUJRANWALA	JAROOP	PB/21/17/165	F	33	01-08-17	7+	10-09-17	11-09-17	NVI	Y	N	N	Y	110
15	GUJRANWALA	WAZIRABAD	PB/21/17/171	M	96	09-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y	Y	102
16	GUJRANWALA	NOWSHERA VIRKAN	PB/21/17/192	M	120	15-08-17	7+	LATE NOTIFIED			Y	Y	Y		96
17	GUJRAT	KHARIAN	PB/23/17/075	M	144	06-08-17	7+	11-08-17		NVI	N	N	Y	DIED	105
18	GUJRAT	KHARIAN	PB/23/17/087	M	42	18-07-17	7+	12-09-17	13-09-17	EV	Y	Y	Y	Y	124
19	HAFIZABAD	PINDI BHATTIAN	PB/22/17/053	F	156	28-07-17	7+	10-08-17	12-08-17	NVI	N	N	Y	Y	114
20	HAFIZABAD	PINDI BHATTIAN	PB/22/17/060	F	36	18-08-17	7+	25-08-17		NVI	Y	N	Y	DIED	93
21	HAFIZABAD	HAFIZABAD	PB/22/17/064	F	9	17-08-17	7+	09-09-17	10-09-17	NVI	Y	Y	N	Y	94
22	JHELUM	PIND DADAN KHAN	PB/14/17/040	M	36	20-07-17	7+	LATE NOTIFIED			N	N	Y	Y	122
23	KASUR	PATTOKI	PB/32/17/060	M	58	27-06-17	7+	12-07-17	15-07-17	EV	N	N	Y	Y	145
24	KASUR	CHUNIAN	PB/32/17/069	M	3	12-07-17	2	02-08-17	04-08-17	EV	N	N	Y	DIED	130
25	KASUR	PATTOKI	PB/32/17/070	M	27	30-06-17	7+	LATE NOTIFIED			Y	Y	Y	Y	142
26	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	109
27	KHANEWAL	KABIRWALA	PB/62/17/061	F	1	01-07-17	1	11-08-17	12-08-17	NVI	N	N	Y	Y	141
28	KHANEWAL	KABIRWALA	PB/62/17/070	M	1	20-08-17	0	13-09-17	15-09-17	NVI	N	N	N	Y	91
29	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	113
30	LAHORE	SAMNABAD	PB/31/17/154	F	83	03-07-17	7+	DIED BEFORE STOOL			Y	N	N	DIED	139
31	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	131
32	LAHORE	RAVI TOWN	PB/31/17/157	M	78	28-06-17	7+	26-07-17	28-07-17	NVI	N	N	N	Y	144
33	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	116
34	LAHORE	RAVI TOWN	PB/31/17/204	M	18	20-07-17	7+				Y	Y	Y	Y	122
35	LAHORE	NISHTAR TOWN	PB/31/17/211	F	7	04-05-17	7+	LATE NOTIFIED			Y	Y	Y	Y	199
36	LAHORE	DATA GUNJ BUKSH TOWN	PB/31/17/230	M	15	11-08-17	7+				Y	Y	Y	Y	100
37	LAYYAH	KAROR LAL ESAN	PB/84/17/063	M	84	02-08-17	7+	15-09-17	16-09-17	NVI	Y	Y	Y		109
38	LODHRAN	LODHRAN	PB/64/17/053	F	36	26-07-17	7+	21-08-17	23-08-17	NVI	Y	N	Y	Y	116
39	MBDIN	MANDI BAHAUDDIN	PB/24/17/038	M	132	20-08-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	91
40	MBDIN	MANDI BAHAUDDIN	PB/24/17/027	F	4	03-07-17	5				N	Y	Y	DIED	139
41	MIANWALI	MIANWALI	PB/43/17/051	F	9	30-07-17	7+	01-08-17		NVI	Y	N	Y	DIED	112
42	MULTAN	JALALPUR PIRWALA	PB/61/17/095	F	36	24-07-17	7+	27-07-17		EV	Y	N	Y	DIED	118

* Afp.rec Data as of 20-11-2017

€ 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 (2/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSES€	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	103
44	MUZFARGARH	KOT ADDU	PB/83/17/178	M	21	05-08-17	7+	26-08-17	28-08-17	EV	Y	Y	Y		106
45	MUZFARGARH	JATOI	PB/83/17/180	M	23	02-08-17	7+	28-08-17	29-08-17	EV	N	N	Y		109
46	MUZFARGARH	JATOI	PB/83/17/182	M	36	27-07-17	7+	28-08-17	29-08-17	EV	N	Y	Y		115
47	MUZFARGARH	MUZFARGARH	PB/83/17/222	M	37	06-08-17	7+	LATE NOTIFIED			Y	N	Y		105
48	MUZFARGARH	KOT ADDU	PB/83/17/201	M	3	19-07-17	2				N	Y	Y		123
49	NANKANASAHIB	NANKANASAHIB	PB/35/17/060	M	21	12-08-17	7+	10-09-17	12-09-17	NVI	N	Y	Y	Y	99
50	NAKOWAL	SHAKARGARH	PB/26/17/039	F	36	05-08-17	7+	20-09-17	21-09-17	EV	Y	Y	Y	Y	106
51	PAKPATTEN	PAKPATTAN	PB/66/17/044	M	17	07-07-17	7+	19-07-17	26-07-17	EV	N	Y	Y	Y	135
52	RAJANPUR	ROJHAN	PB/82/17/094	M	84	10-08-17	7+	27-08-17	28-08-17	NVI	Y	Y	Y		101
53	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	220
54	RAJANPUR	RAJANPUR	PB/82/17/098	F	96	06-08-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y		105
55	RAWALPINDI	RAWALPINDI	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	107
56	SHEIKUPURA	FEROZEWALA	PB/33/17/074	F	108	23-07-17	7+	24-08-17	25-08-17	NVI	Y	Y	Y	Y	119
57	SHEIKUPURA	MURIDKE	PB/33/17/084	M	36	20-08-17	7+	09-10-17	10-10-17	NVI	Y	N	Y	Y	91
58	SIALKOT	SIALKOT	PB/25/17/069	M	18	24-07-17	7+	06-09-17	07-09-17	NVI	Y	Y	Y	Y	118
59	TTSINGH	KAMALIA	PB/52/17/077	F	1	29-06-17	0	21-07-17	22-07-17		N	Y	Y		143
60	TTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	103
61	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+				N	N	N	Y	155
62	KASHMORE	KANDHKOT	SD/54/17/028	M	24	17-07-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	125
63	KHIGADAP	GADAP	SD/63/17/036	M	108	20-08-17	7+	29-08-17		NVI	N	N	Y	DIED	91
64	SANGHAR	TANDO ADAM	SD/32/17/040	M	5	25-07-17	7+	13-08-17	15-08-17	VACC	Y	N	Y	Y	117
65	SHIKARPUR	LAKHI	SD/52/17/047	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	N	Y	Y	Y	91
66	SHIKARPUR	GARHI YASIN	SD/52/17/051	F	36	15-07-17	7+	LATE NOTIFIED			Y	Y	Y	Y	127
67	SUJAWAL	JATI	SD/79/17/069	M	12	20-08-17	7+	24-09-17	25-09-17	NVI	Y	Y	Y	Y	91
68	SUJAWAL	JATI	SD/79/17/070	M	36	19-08-17	7+	26-09-17	27-09-17	NVI	Y	N	Y	Y	92
69	SUJAWAL	SHAH BUNDER	SD/79/17/078	M	36	08-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	103
70	BANNU	BANNU	KP/61/17/036	F	6	27-04-17	1				UK	N	UK	Y	206
71	DIRUPPER	DIR	KP/25/17/024	F	72	06-06-17	7+	13-07-17	14-07-17	NVI	Y	N	Y	Y	166
72	KARAK	BANDA DAUD SHAH	KP/51/17/057	F	105	28-05-17	7+				N	N	Y	Y	175
73	KARAK	KARAK	KP/51/17/058	F	19	07-06-17	7+	LATE NOTIFIED			UK	Y	Y	Y	165
74	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	7+				N	Y	UK		136
75	SHANGLA	BISHAM	KP/26/17/028	M	11	29-03-17	7+				N	Y	Y	Y	235
76	SWABI	LAHORE	KP/41/17/111	F	22	07-08-17	7+	10-11-17	11-11-17		Y	N	N		104
77	TANK	TANK	KP/63/17/025	M	7	18-08-17	7+	23-09-17	24-09-17	EV	Y	Y	Y		93
78	TORGHAR	TORGHAR	KP/15/17/011	F	14	06-08-17	7+				Y	N	UK		105
79	KABDULAH	CHAMAN	BN/14/17/032	M	3	07-08-17	3	23-09-17	24-09-17	EV	Y	Y	N		104
80	KSAIFULAH	MUSMIL BAGH	BN/25/17/009	F	57	20-08-17	7+	22-09-17	23-09-17	EV	Y	Y	Y	Y	91
81	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3	DIED BEFORE STOOL			Y	N	Y	DIED	177
82	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+	LATE NOTIFIED			Y	N	Y		93
83	HATTIAN	HATTIAN	AJ/90/17/001	F	156	05-03-17	3	30-03-17	31-03-17	NVI	Y	N	Y	Y	259
84	HATTIAN	HATTIAN	AJ/90/17/005	M	174	15-06-17	7+	21-07-17	22-07-17	NVI	N	N	N	Y	157

* Afp.rec Data as of 20-11-2017

€ 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 (3/3)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASYM	PROG	FUP	PEND (DAYS)
85	HAVELI	HAVELI	AJ/51/17/002	M	13	18-02-17	7+	24-05-17	25-05-17	EV	N	Y	Y	Y	274
86	HAVELI	HAVELI	AJ/51/17/006	M	60	07-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	104
87	KOTLI	KOTLI	AJ/30/17/002	F	156	01-01-17	7+	17-02-17			Y	Y	Y	Y	322
88	MIRPUR	MIRPUR	AJ/20/17/002	F	42	20-01-17	7+	19-02-17		NVI	Y	N	N	Y	303
89	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	155
90	POONCH	HAJIRA	AJ/40/17/008	M	136	08-02-17	7+	14-03-17	15-03-17	NVI	N	N	Y	Y	284
91	POONCH	HAJIRA	AJ/40/17/013	F	24	19-03-17	7+	28-04-17	29-04-17	NVI	Y	Y	Y	DIED	245
92	SUDNUTI	PALLANDARI	AJ/70/17/003	F	24	14-07-17	7+	06-08-17	07-08-17	NVI	Y	N	Y	Y	128
93	ICT	ICT	IB/02/17/024	M	33	30-04-17	7+	23-05-17	25-05-17	NVI	UK	UK	Y	Y	203
94	WAZIR-S	BIRMAL	FT/65/17/017	F	24	16-06-17	7+	02-07-17	05-08-17	EV	Y	Y	Y		156

* Afp.rec Data as of 20-11-2017

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.