



**World Health
Organization**

Weekly AFP Surveillance Update Pakistan

Week 11 (*Ended on 17th March, 2018*)

National Surveillance Cell

World Health Organization Country Office,
Chak Shahzad, Park Road,
Islamabad, Pakistan

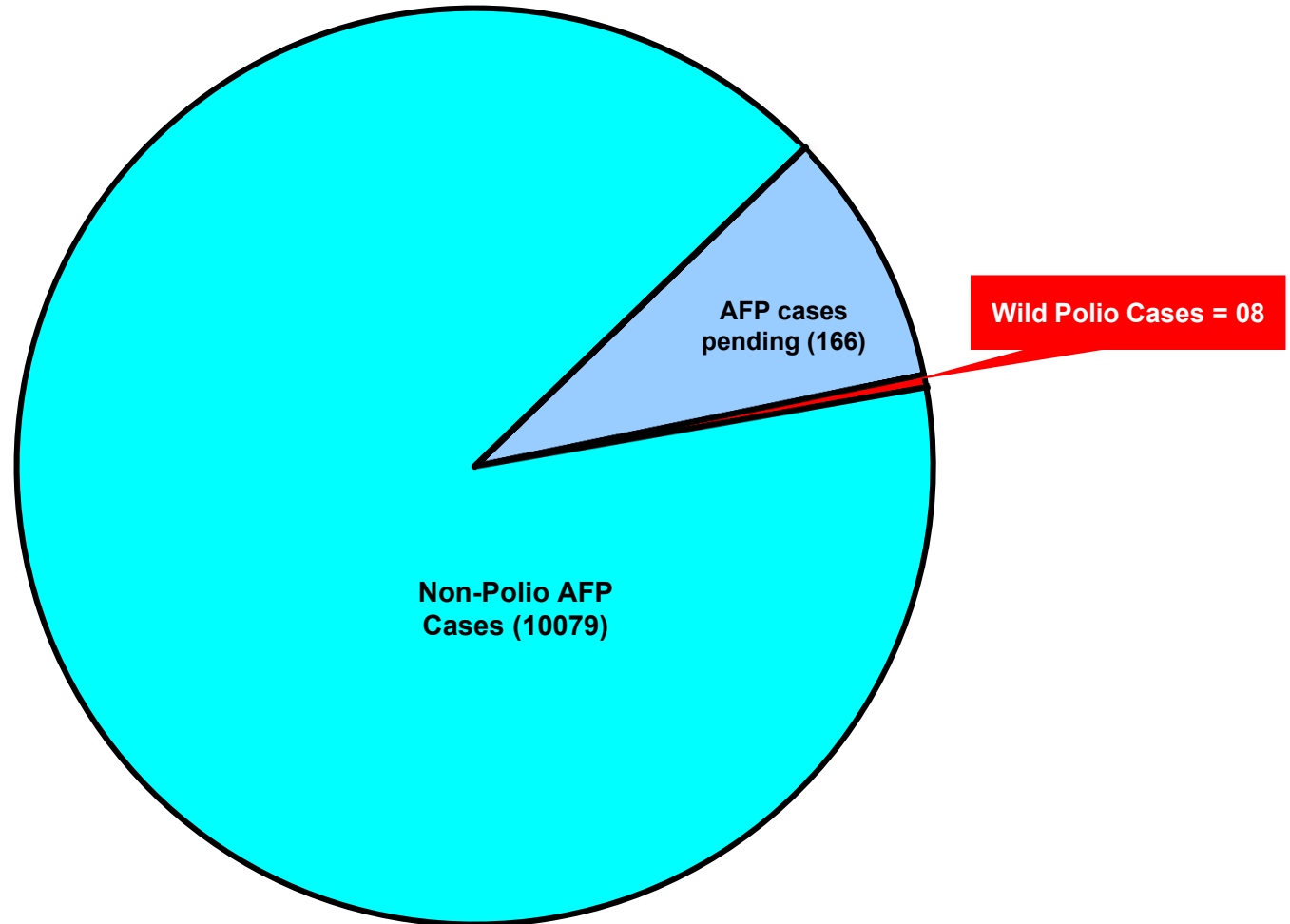
Tel: +92-51 9255123 / 9255282 /9255184

AFP Surveillance



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

AFP Case Profile, 2017*



Total AFP Cases Reported = 10253
^ 165 Inadequate cases not due for FUP
^ 137 AFP Cases pending for classification by ERC

* Afp.rec Data as of 19-03-2018

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
06	SINDH	KHIGADAP	GADAP	SD/63/17/051	M	5	09-Nov-17	0	3	Y	Y	Y	Y	NSL1	R4B5C4
07	BALUCHISTAN	ZHOB	ZHOB	BN/21/17/019	M	24	15-Nov-17	0	0	N	Y	N	Y	NSL1	R4B5C4
08	BALUCHISTAN	KABDULAH	GULISTAN	BN/14/17/045	M	12	13-Nov-17	0	0	Y	Y	Y	Y	NSL1	R4B5C4

* Afp.rec Data as of 19-03-2018

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

S.#	District	Tier	Tehsil	Basic information						OPV doses				Urgent		Prov Diagnosis	Lab update			Remarks	
				Union council	Epid number	Date of Onset	Age (Yr)	Sex	Date of 1st stool	Stool Adeq	Rt	SAs	Last 6 SAs	Last dose	Field		NSC	Lab No.	Days		Culture update
Isolates pending for ITSD																					
1	KABDULAH	1	KABDULAH	MAZAI	BN/14/18/006	20-Feb-18	3	M	25-Feb-18	Y	0	3	3	04-Feb-18	N	Y	RIGHT HEMIPARESIS	2382	5	L20B+	
2	RAJANPUR	4	JAMPUR	THALSHUMALI	PB/82/18/021	10-Feb-18	7	M	27-Feb-18	N	1	UK	5	17-Jan-18	N	#	TRAUMATIC NEURIMS	2268	7	L20B+	
3	SUKKUR	3	SUKKUR CITY	SHEIKH SHEENH	SD/41/18/011	25-Feb-18	5	M	01-Mar-18	Y	2	6	3	12-Feb-18	N	N	MONOPARESIS	2310	7	L20B+	
4	KASHMORE	4	TANGWANI	LASHARI	SD/54/18/010	18-Feb-18	5	F	25-Feb-18	Y	2	3	3	12-Feb-18	N	Y	VIREL FEVER/GBS	2256	9	L20B+	

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	2018	2016	2017	2018	
Khyber Pakhtunkhwa	8	1	0	6	1	0	21-Aug-17
Sindh	8	2	0	5	2	0	09-Nov-17
Balochistan	2	3	0	2	2	0	15-Nov-17
G-Baltistan	0	1	0	0	1	0	13-Feb-17
Punjab	0	1	0	0	1	0	28-Jan-17
FATA / FR Areas	2	0	0	1	0	0	27-Jul -16
Pakistan	20	8	0	14	7	0	15-Nov-17

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

* Afp.rec Data as of 19-03-2018

Environmental Sampling Results, 2016-18*

DISTRICT	2016					2017					2018					Last
	TOTAL	WILD				TOTAL	WILD				TOTAL	WILD				
		n	GRAB	BMFS	TOTAL		n	GRAB	BMFS	TOTAL		n	GRAB	BMFS	TOTAL	
			n	n	n			%	n	n			n	%	n	
LAHORE	62	2	1	3	5%	63	1		1	2%	10			0	0%	18-Dec-17
MULTAN	36	2		2	6%	36	1		1	3%	5			0	0%	9-Jan-17
DGKHAN	33	1		1	3%	36			0	0%	5		1	1	20%	12-Feb-18
RAWALPINDI	25	3	1	4	16%	26	6	2	8	31%	4	1		1	25%	10-Jan-18
FAISALABAD	36	1	1	2	6%	23			0	0%	3			0	0%	2-Jul-16
SARGODHA *	1			0		12			0	0%	2			0		
BAHAWALPUR *	1			0		12			0	0%				0		
CDA	12			0	0%	12	5		5	42%	2	1		1	50%	10-Jan-18
KHIGIQBAL	25	1	1	2	8%	26	5	1	6	23%	4			0		10-Oct-17
KHIGADAP	36	4		4	11%	36	21		21	58%	5	1		1	20%	15-Feb-18
KHIBALDIA	23	1		1	4%	12	2		2	17%	2			0	0%	3-Nov-17
KHILANDHI	6	1		1	17%	12	7		7	58%	2	1		1	50%	10-Jan-18
KHIKORANGI *	1			0		12	1		1	8%	1			0		16-Oct-17
KHISITE *	1			0		12	5		5	42%	2	1		1	50%	1-Jan-18
SUKKUR	27	2	1	3	11%	32	1	1	2	6%	5		1	1	20%	8-Feb-18
HYDERABAD	18	1		1	6%	12			0	0%	2	1		1	50%	9-Feb-18
JACOBABAD	16		3	3	19%	15	3	1	4	27%	3		1	1	33%	12-Feb-18
SANGHAR *	1			0		12			0	0%	1			0	0%	
DADU *	1			0		12			0	0%	2			0	0%	
KAMBAR *				0		12	1		1	8%	2			0		15-Aug-17
PESHAWAR	39	9	1	10	26%	27	6	2	8	30%	5	1	1	2	40%	10-Feb-18
DIKHAN	46	1		1	2%	23			0	0%	4			0	0%	16-Jul-16
BANNU *	1			0		12			0	0%	2			0		
KOHAT *	1			0		10			0	0%	3	1		1	33%	5-Jan-18
CHARSADA *	1			0		12			0	0%	2			0		
MARDAN *	1			0		12			0	0%	1			0		
NOWSHERA *				0		12			0	0%	2			0		
KABDULAH	24	6		6	25%	24	13		13	54%	4	1		1	25%	1-Jan-18
QUETTA	58	14		14	24%	49	11	1	12	24%	7	1		1	14%	13-Feb-18
PISHIN	8	4		4	50%	12	5		5	42%	2			0	0%	2-Oct-17
KHUZDAR *	1			0		12			0	0%	2			0		
LORALAI *	1			0		12	3		3	25%	1			0		17-Nov-17
ZHOB *	1			0		12	1		1	8%	2			0		18-Dec-17
PAKISTAN	543	53	9	62	11%	654	98	8	106	16%	99	10	4	14	14%	15-Feb-18

* New addition in Env Surveillance Network

New Env Positive Results

* Data as of March 19-2018

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	%	n
January-17	753	596	0	0	56	7	100	13%	1	752	100%
February-17	772	621	0	0	43	6	107	14%	1	771	100%
March-17	825	634	0	0	55	7	136	16%	0	825	100%
April-17	822	589	0	0	45	5	188	23%	0	815	99%
May-17	906	681	0	0	51	6	174	19%	0	900	99%
June-17	669	460	0	0	17	3	191	29%	1	610	91%
July-17	892	572	0	0	23	3	297	33%	0	892	100%
August-17	853	542	0	0	20	2	289	34%	2	851	100%
September-17	853	500	0	0	68	8	285	33%	0	853	100%
October-17	884	603	0	0	56	6	225	25%	0	884	100%
November-17	817	515	0	0	61	7	238	29%	3	814	100%
December-17	916	720	0	0	57	6	139	15%	0	916	100%
Total-2017	9962	7033	0	0	552	6	2369	24%	8	9488	95%
January -18	1008	829	5	0	76	8	98	10%	0	1003	100%
February -18	856	555	166	4	60	7	75	9%	0	690	81%
March-2018	206	0	206	0	0	0	0	0%	0	0	0%
Total-2018	2070	1384	377	4	136	7	173	8%	0	892	43%

*Data as of 19-03-2018

WPV and cVDPV Cases by District in 2017

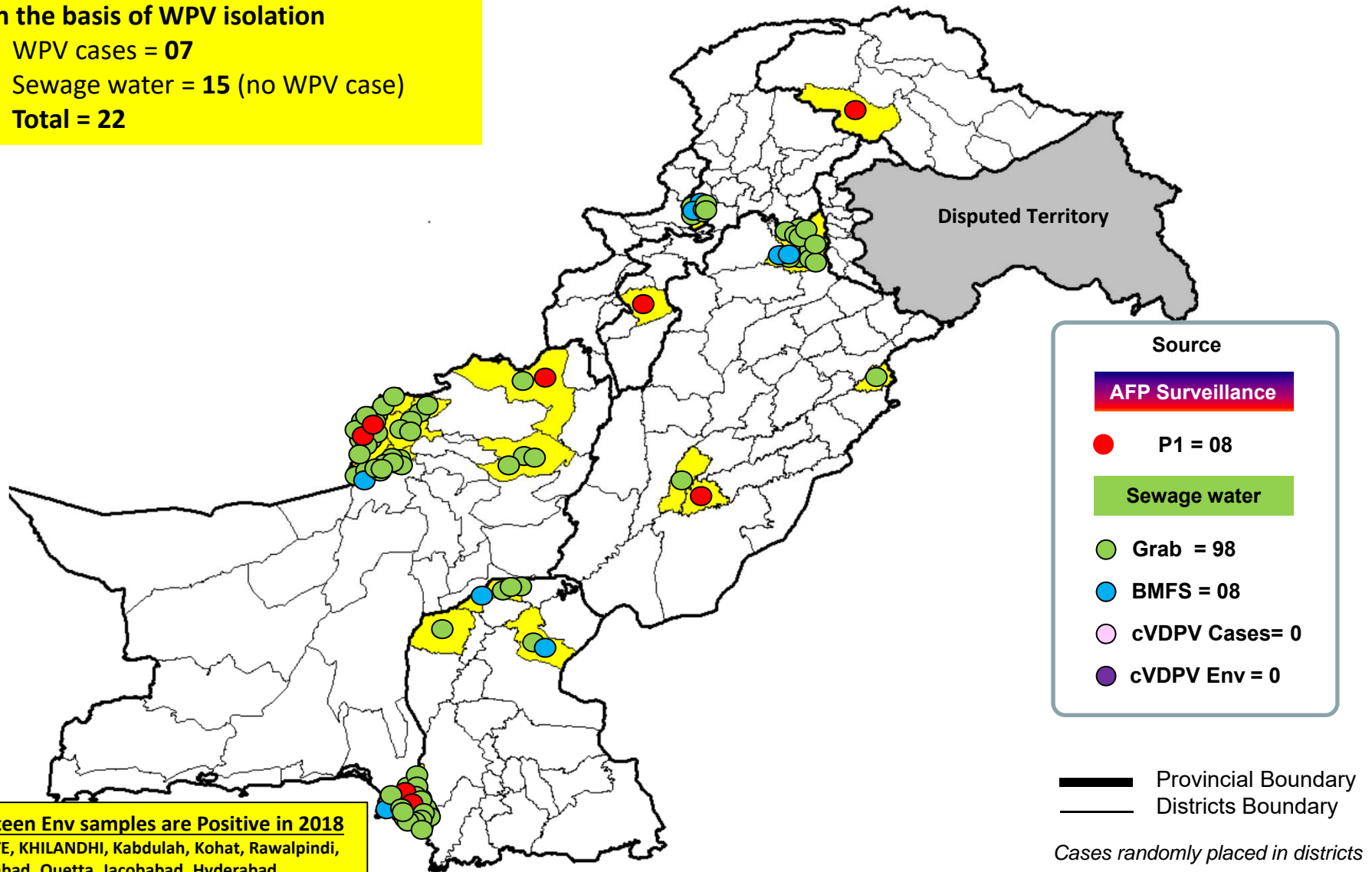
PROVINCE	DISTRICT	WPV Cases		cVDPV Cases	
		Onset of Last Case	Cases	Onset of Last Case	Cases
KPAKHTUNKHWA	LAKKIMRWT	21-Aug	1		
Total		21-Aug	01		
SINDH	KHIGADAP	09-Nov	1		
	KHIGIQBAL	11-Aug	1		
Total		09-Nov	02		
BALOCHISTAN	ZHOB	15-Nov	1		
	KABDULAH	13-Nov	2		
Total		15-Nov	03		
G-Baltistan	DIAMIR	13-Feb	1		
Total		13-Feb	01		
PUNJAB	LODHRAN	28-Jan	1		
Total		28-Jan	01		
PAKISTAN		15-Nov	08		

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

Infected districts/Towns/Agencies/Areas

On the basis of WPV isolation

- WPV cases = 07
- Sewage water = 15 (no WPV case)
- Total = 22



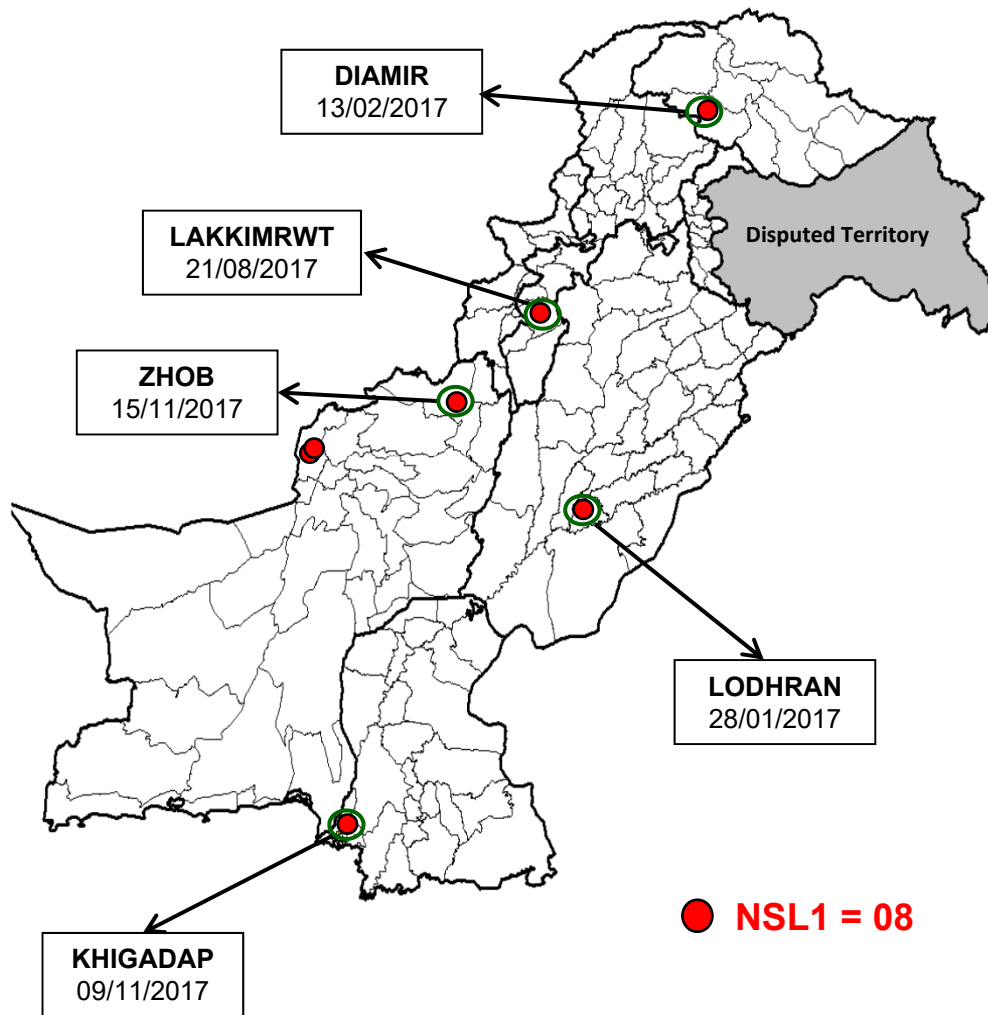
Fourteen Env samples are Positive in 2018

KHISITE, KHILANDHI, Kabdulah, Kohat, Rawalpindi, Islamabad, Quetta, Jacobabad, Hyderabad, DGKhan, Sukkur, KHIGadap and 2 from Peshawar

* Afp.rec Data as of 19-03-2018

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	-

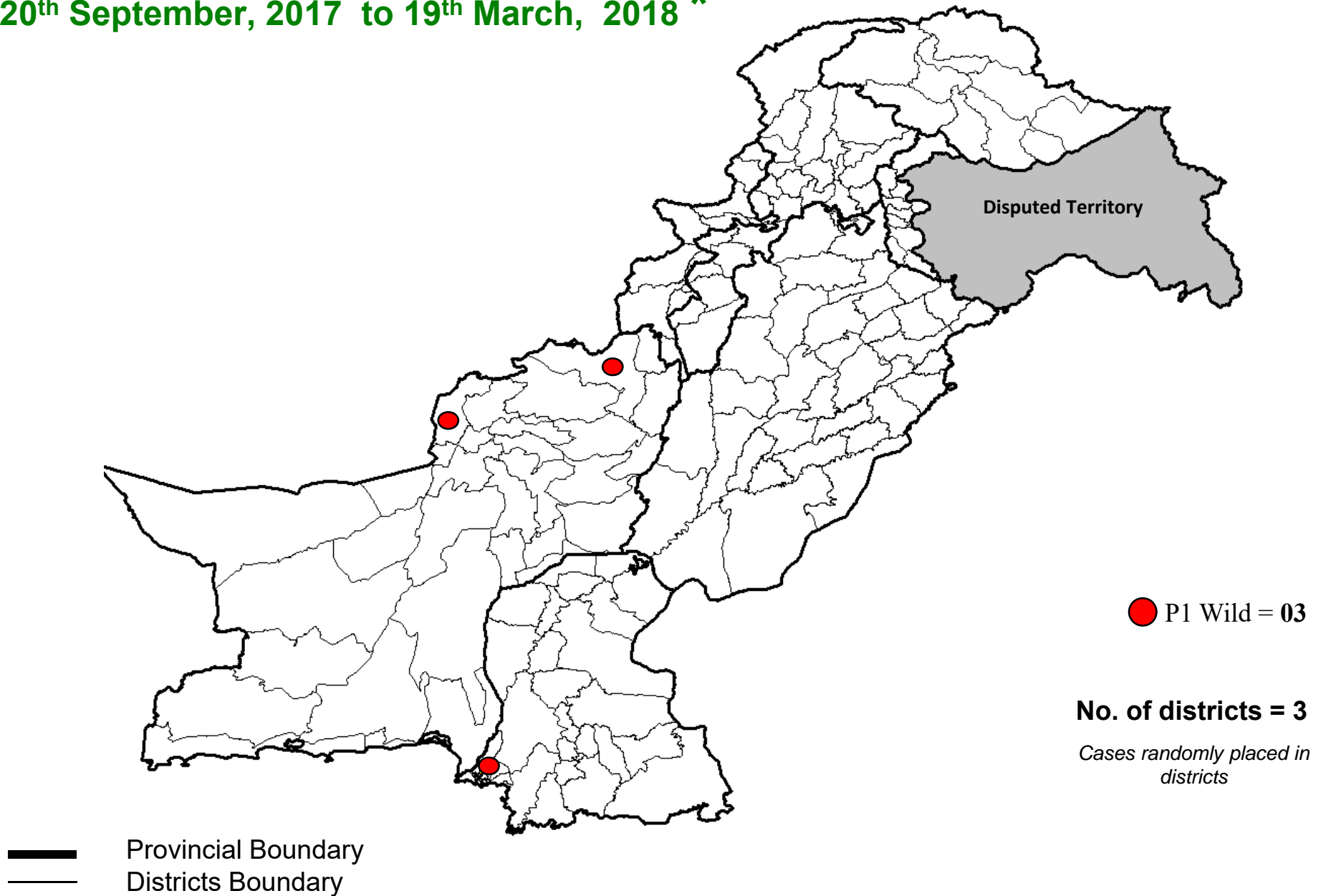
○ District with last polio case in province
 Provincial Boundary
 Districts Boundary

Cases randomly placed in districts

* Afp.rec Data as of 19-03-2018

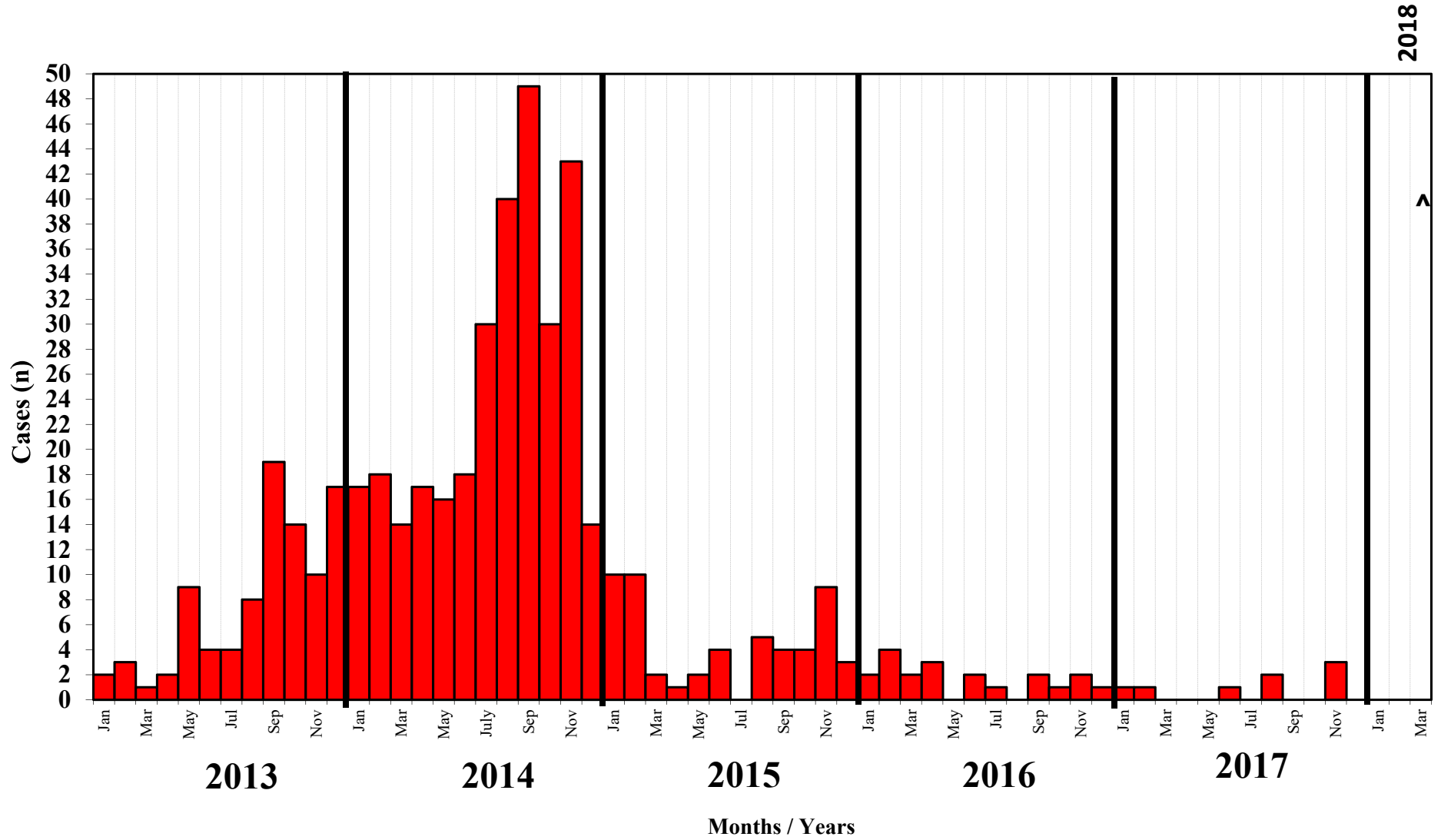
Map 3: Wild Polio cases in the last 6 months

20th September, 2017 to 19th March, 2018 *



* Afp.rec Data as of 19-03-2018

Confirmed Polio Cases 2013-2018*

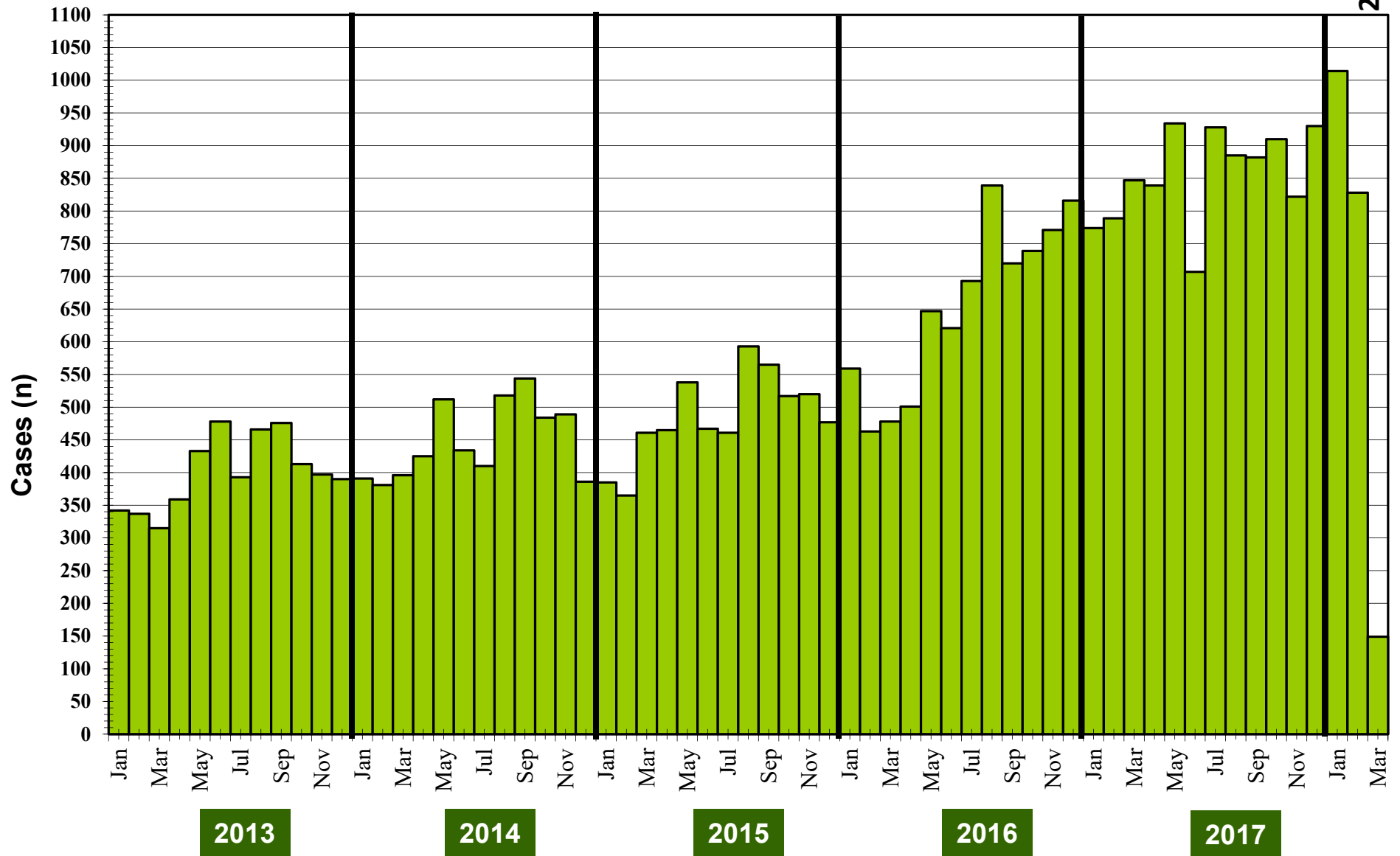


■ NSL1

^ Data incomplete

* Afp.rec Data as of 19-03-2018

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



* Afp.rec Data as of 19-03-2018

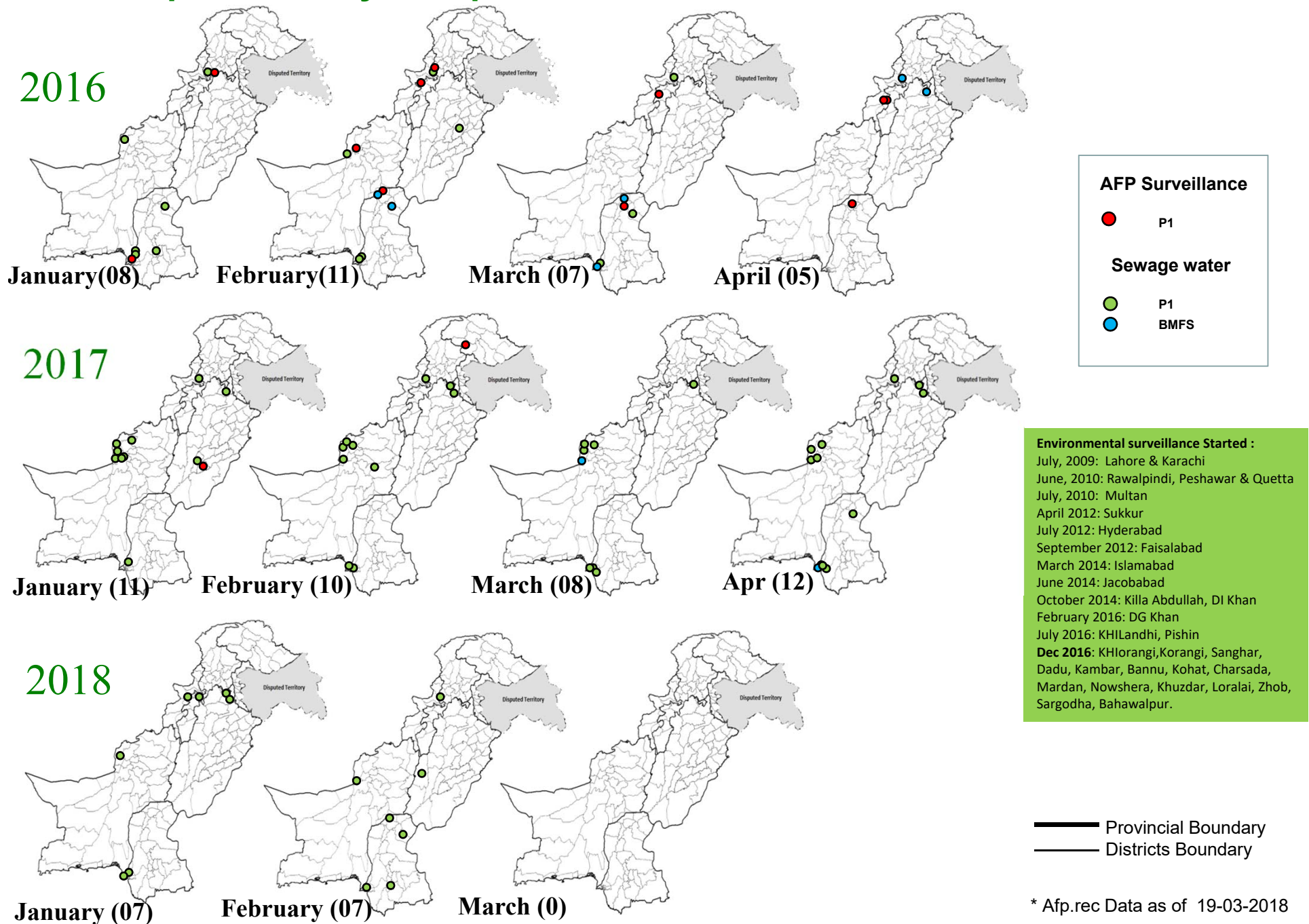
**Table 4: Distribution of AFP Cases By Week of Onset [^]
Pakistan- 2017-2018* [Week number / Ending on]**

PROVINCE	W 48 03 Dec2 017	W 49 09 Dec2 017	W 50 16 Dec 2017	W 51 23 Dec 2017	W 52 30 Dec 2017	W 01 06 Jan2 017	W 02 13 Jan2 017	W 03 20 Jan2 017	W 04 27 Jan2 017	W 05 03 Feb 2017	W 06 11 Feb 2017	W 07 18 Feb 2017	W 08 25 Feb 2017	W 09 04 Mar 2017	W 10 11 Mar 2017
PUNJAB	74	94	112	116	83	88	105	116	85	91	99	96	95	77	34
SINDH	33	31	52	44	38	37	49	56	65	53	62	53	42	27	9
FATA	11	9	10	13	13	14	18	25	11	6	7	5	7	3	6
BALUCHISTAN	4	15	9	9	9	15	10	15	5	9	12	10	11	6	3
AJK	5	3	1	3	12	6	3	7	3	2	8	6	10	8	2
GILGIT BILTISTAN	0	1	2	3	2	0	5	3	1	1	2	3	4	2	1
ISLAMABAD	1	1	1	10	1	2	2	5	3	2	4	2	3	3	2
KPAKHTUNKHWA	33	41	66	42	39	42	49	42	36	43	40	43	36	43	19
PAKISTAN	161	195	253	240	197	204	241	269	209	207	234	218	208	169	76

* Afp.rec & Afplab.rec: Data as of 19-03-2018

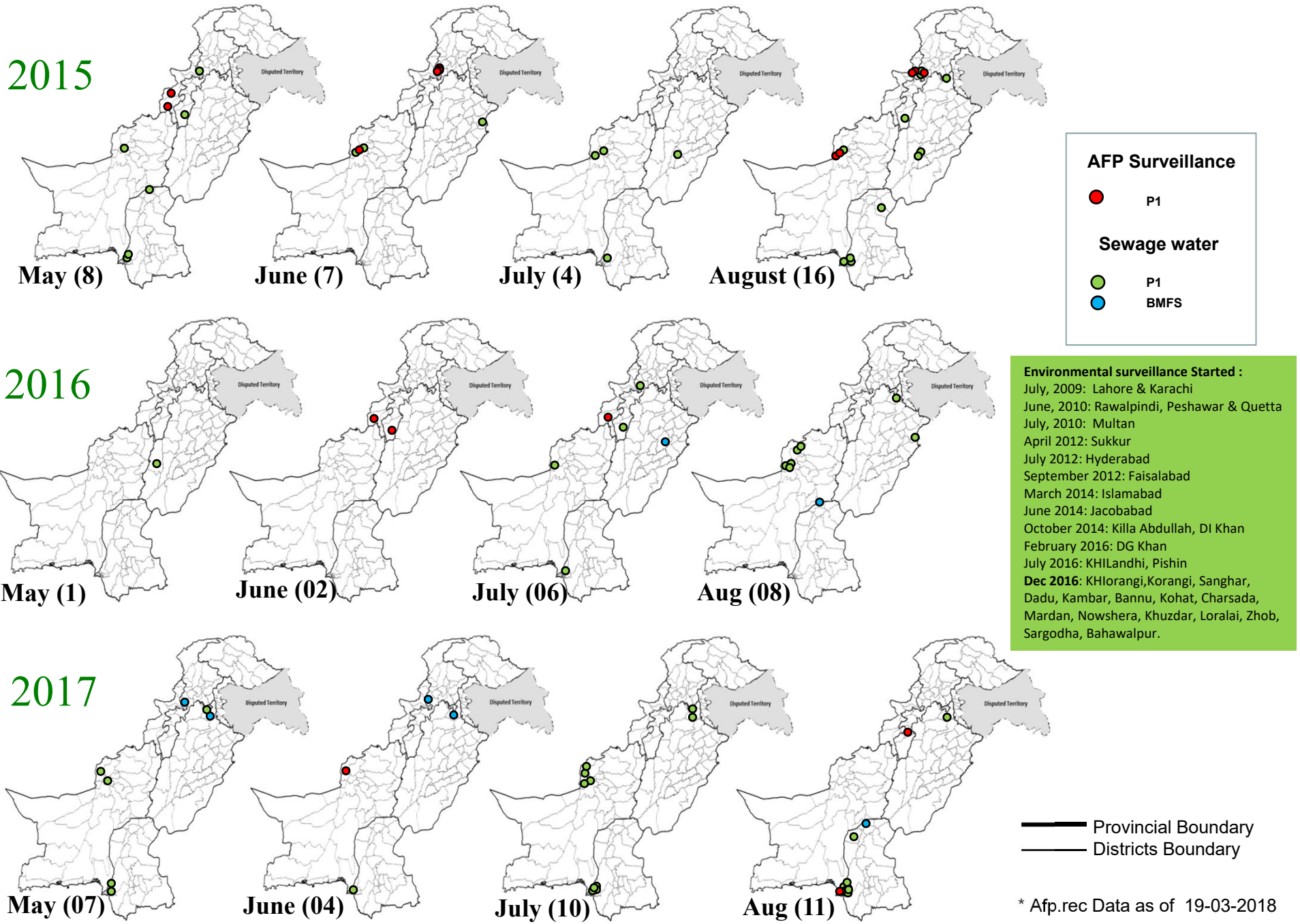
[^] MMWR Epidemiological Weeks

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



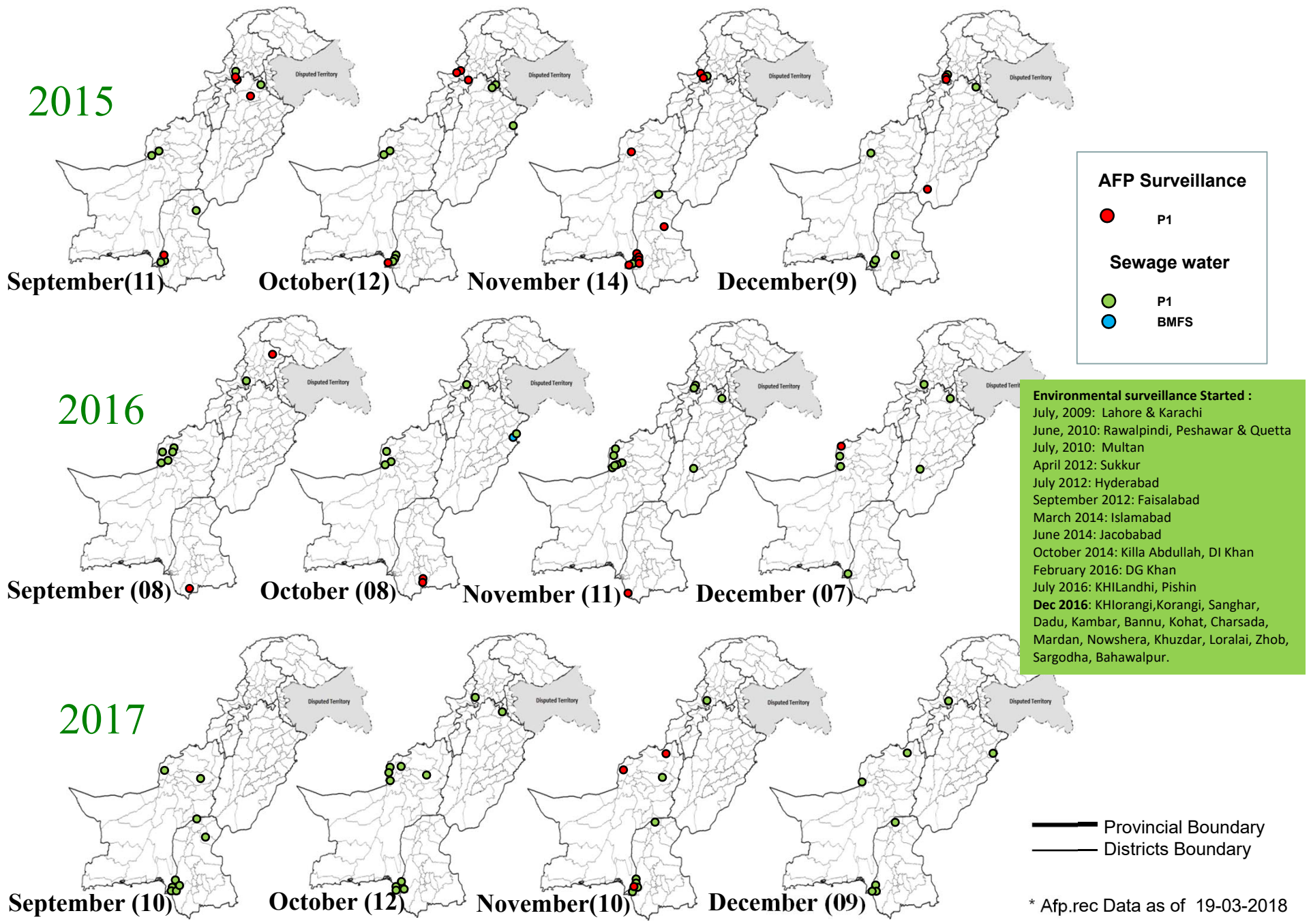
* Afp.rec Data as of 19-03-2018

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



* Afp.rec Data as of 19-03-2018

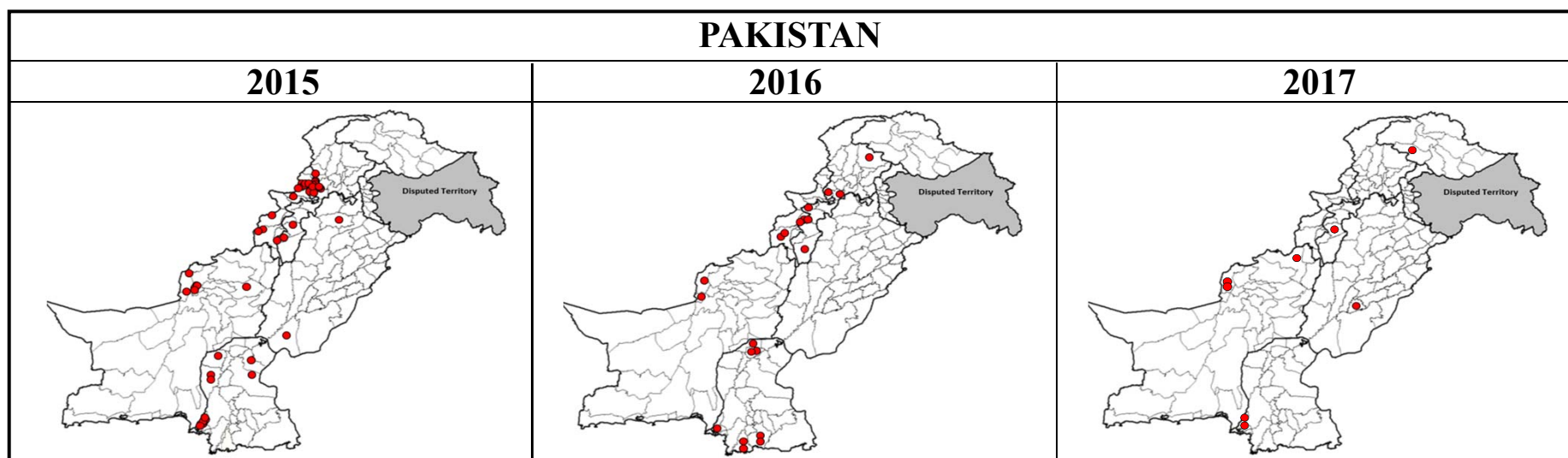
Map 4.2: Monthly Comparison of Polio Cases/Isolates 2015-2017*



* Afp.rec Data as of 19-03-2018

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

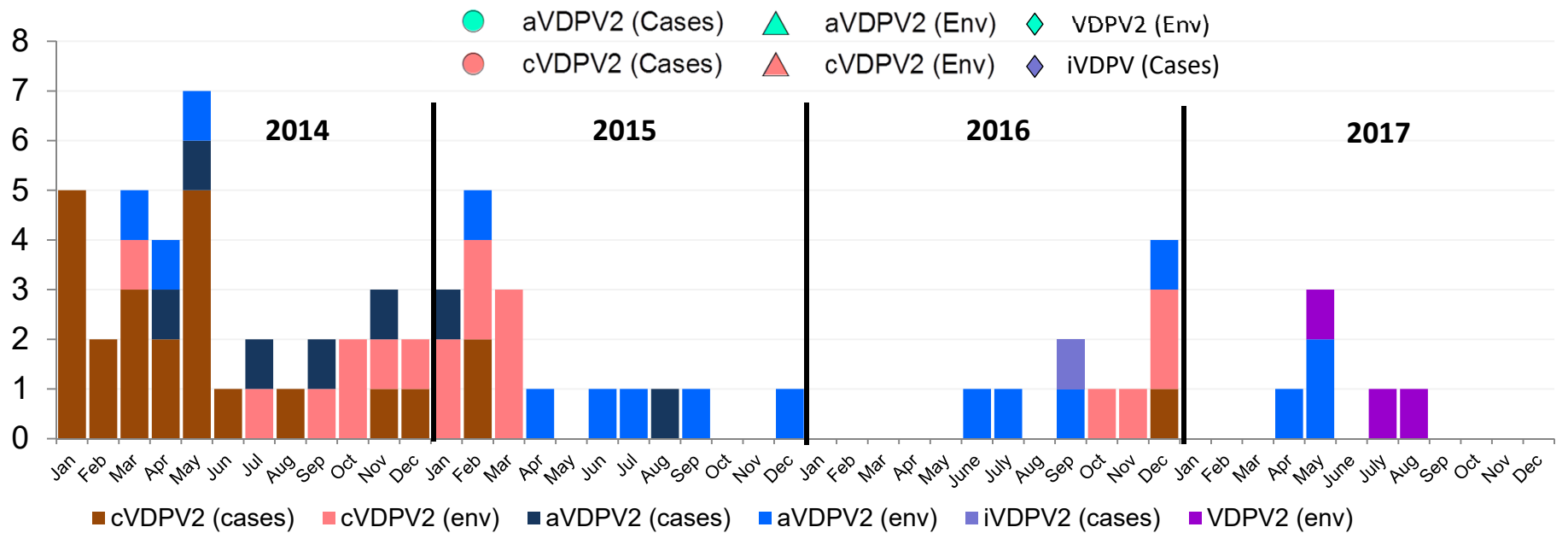
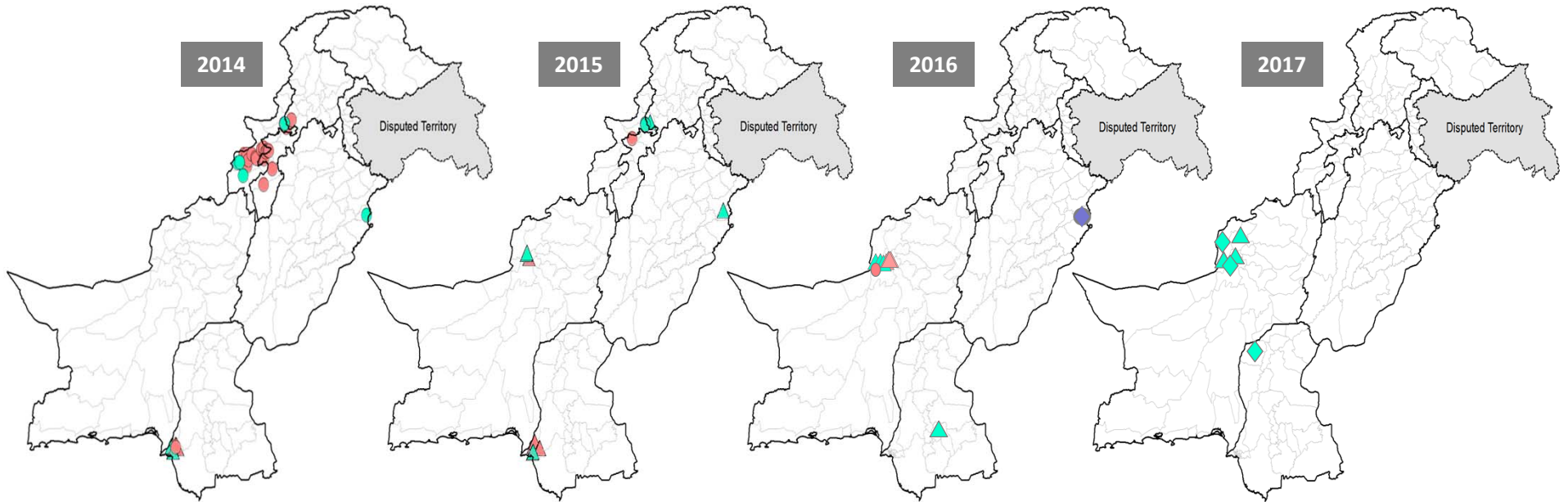


* Afp.rec Data as of 19-03-2018

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 cVDPV-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		
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	3

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



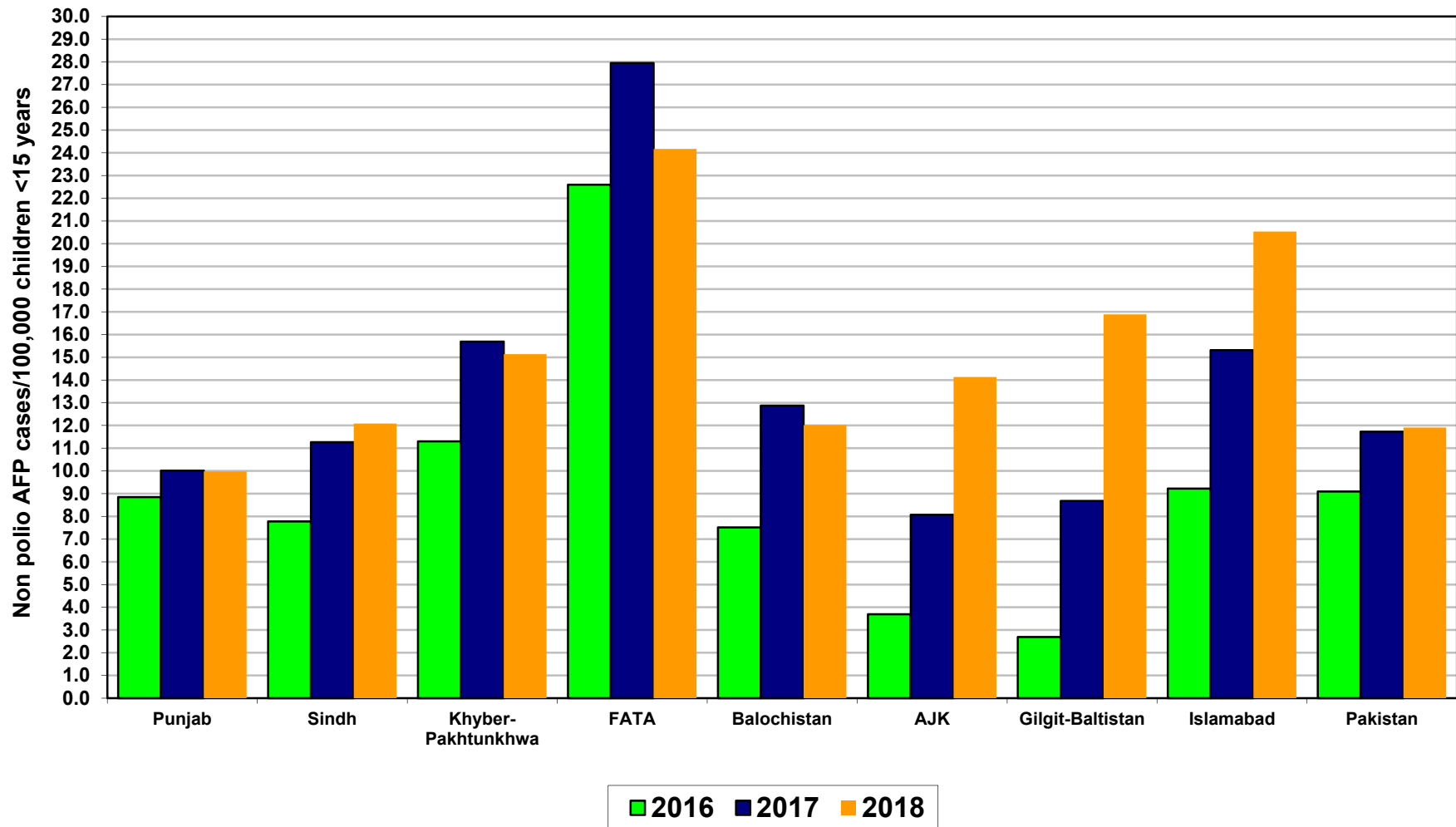
* Afp.rec Data as of 19-03-2018

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

REGION	0 dose			1-2 doses			3 doses			4-6 doses			7+ doses		
	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%	2%	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%	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%	95%
Central Khyber Pakhtunkhwa	1%	0%	0%	1%	0%	1%	1%	0%	0%	3%	1%	1%	94%	99%	98%
North Khyber Pakhtunkhwa	1%	1%	0%	1%	1%	1%	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%	0%	1%	1%	1%	1%	0%	1%	5%	1%	3%	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%	4%	25%	23%	13%	54%	62%	71%
North Balochistan	11%	0%	4%	14%	3%	6%	0%	3%	2%	17%	10%	10%	57%	83%	78%
Quetta Block	3%	1%	1%	15%	1%	2%	9%	4%	3%	12%	10%	8%	61%	83%	87%
BALUCHISTAN	9%	2%	2%	12%	3%	4%	3%	3%	3%	19%	13%	10%	56%	80%	82%
PAKISTAN	1%	0%	0%	1%	1%	1%	1%	1%	1%	5%	4%	4%	92%	95%	95%

* Afp.rec Data as of 19-03-2018

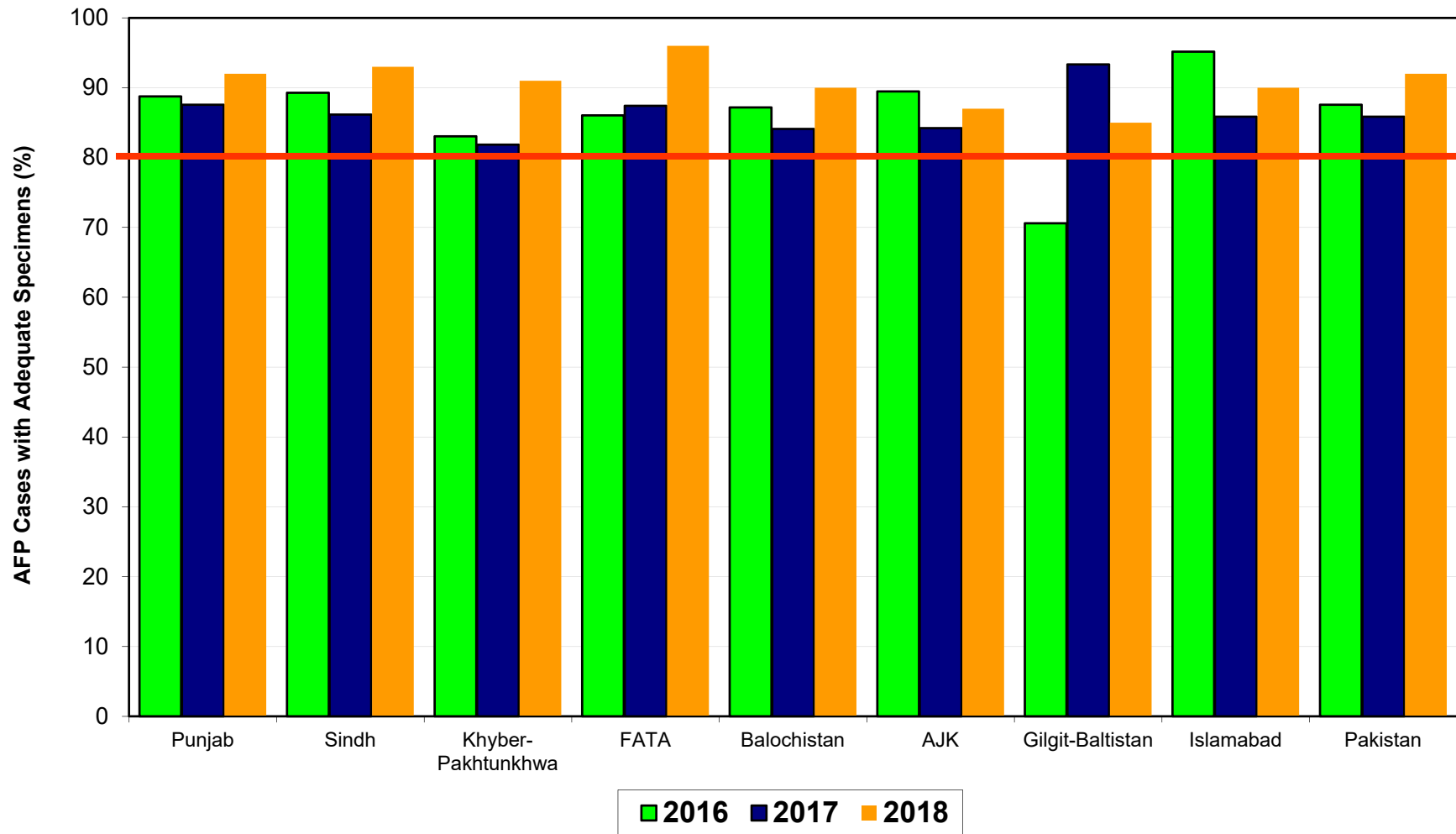
Non Polio AFP Rate By Province/Regions, 2016-2018*



Minimum Target Non-Polio AFP Rate for Tier-1 and Tier-2 districts is 6/100000 < 15 years of the age
 Minimum Target Non-Polio AFP Rate for Tier-3 and Tier-4 districts is 3/100000 < 15 years of the age

* Afp.rec Data as of 19-03-2018

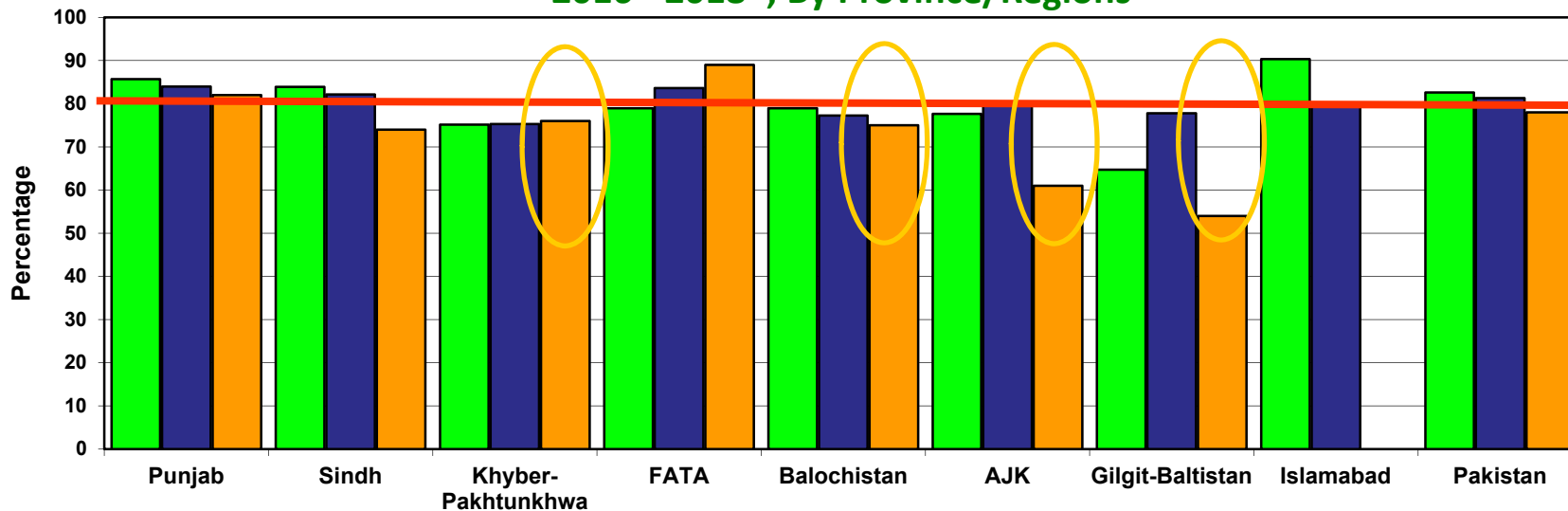
Percent AFP Cases with Adequate Specimens By Province/Regions, 2016-2018*



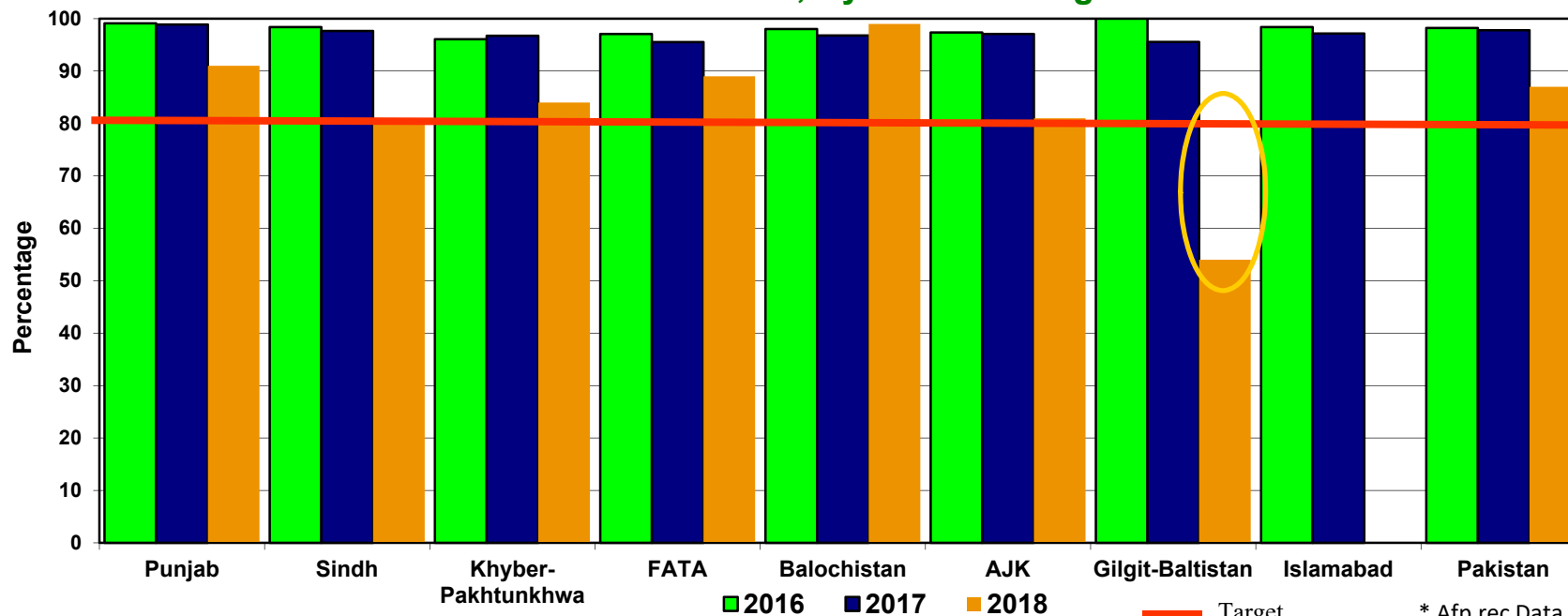
* Afp.rec Data as of 19-03-2018

— Target Adequate Sample cases = 80%

**Graph 5: Percent AFP Cases Notified within 07 days of paralysis onset
2016 - 2018*; By Province/Regions**



**Graph 6: Percent AFP Cases Investigated within 48 hours of notification
2016 ~ 2018*; By Province/Regions**

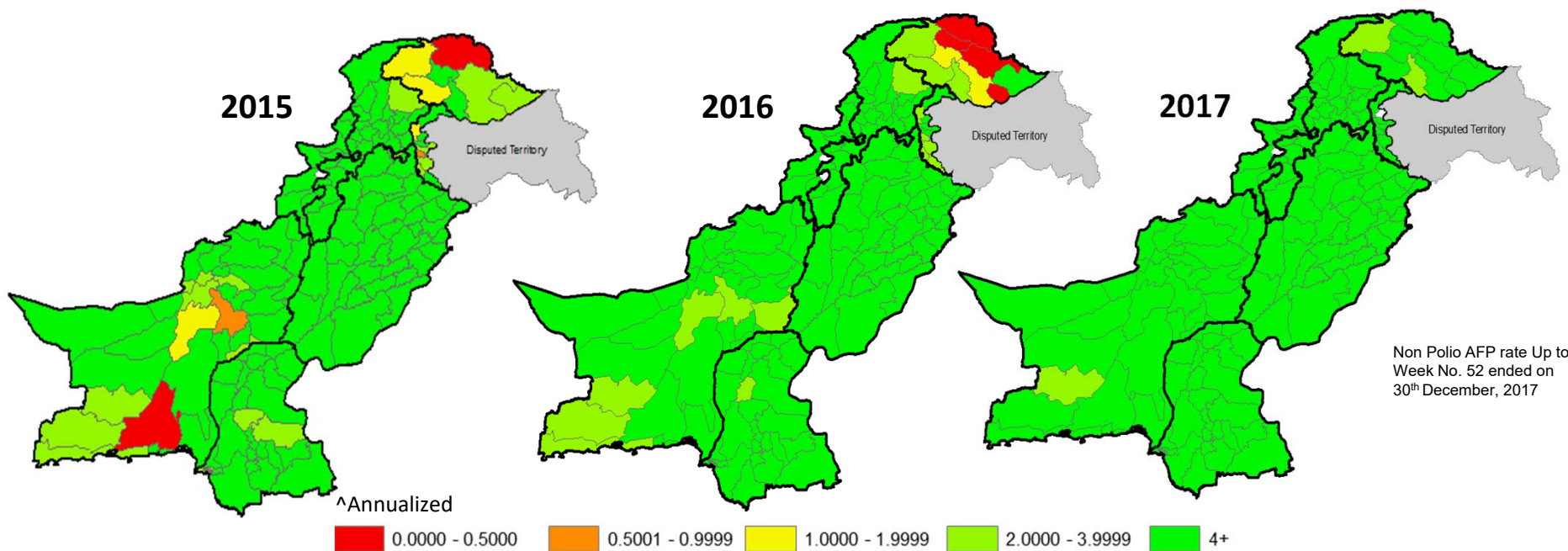


■ 2016 ■ 2017 ■ 2018

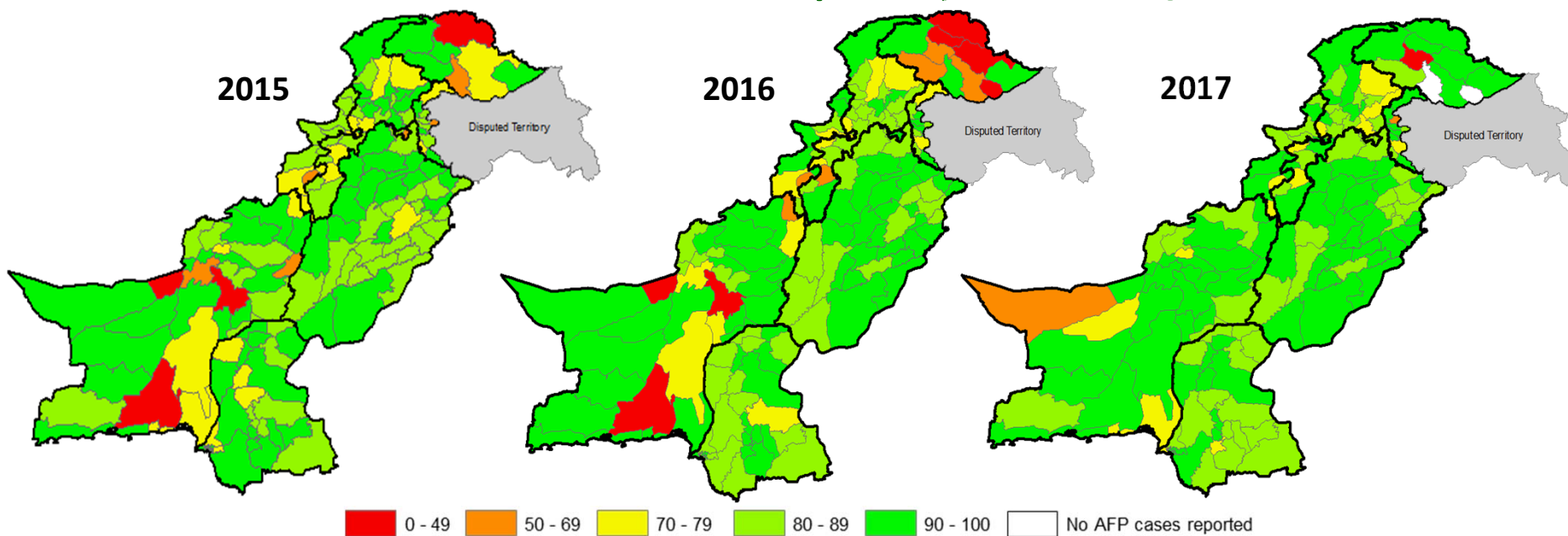
— Target

* Afp.rec Data as of 19-03-2018

Non-Polio ^ AFP Rate by District



Percent AFP Cases with Adequate Specimens, by District



**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2017 (1/7)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
1	DIRUPPER	DIRUPPER	KP/25/17/0800	M	36	12-09-17	7+	08-10-17	09-10-17	EV	UK	UK	UK		187
2	DIRUPPER	DIRUPPER	KP/25/17/801	M	9	13-12-17	7+	LATE NOTIFIED			UK	UK	UK		95
3	KARAK	KARAK	KP/51/17/800	M	144	20-11-17	7+	LATE NOTIFIED			UK	UK	UK		118
4	LAHORE	LAHORE	PB/31/17/278	M	24	10-12-17	7+	27-12-17	28-12-17	NVI	Y	N	N		98
5	MALAKAND	MALAKAND	PB/20/17/042	M	19	07-09-17	7+	LATE NOTIFIED			UK	UK	UK		192
6	MBDIN	MBDIN	PB/24/17/052	F	60	25-08-17	7+	LATE NOTIFIED			Y	N	N	Y	205
7	NAROWAL	NAROWAL	PB/26/17/059	M	35	04-12-17	7+	21-12-17	24-12-17	NVI	UK	UK	UK		104
8	RAJANPUR	RAJANPUR	PB/82/17/120	F	58	26-09-17	7+	28-10-17	30-10-17	VACC	UK	N	Y		173
9	SKARDU	SKARDU	GB/21/17/003	M	72	04-01-17	7+	17-05-17		NVI	UK	UK	UK		438
10	ATTOCK	FATEH JANG	PB/12/17/060	M	86	04-10-17	7+	LATE NOTIFIED			UK	UK	UK	Y	165
11	BAHWALNAGAR	BAHAWALNAGAR	PB/73/17/050	M	60	01-07-17	7+	LATE NOTIFIED			N	Y	Y		260
12	BAHWALNAGAR	MINCHANABA	PB/73/17/069	M	27	03-09-17	7+	19-09-17	21-09-17	NVI	Y	Y	Y		196
13	BAHWALNAGAR	BAHAWALNAGAR	PB/73/17/080	F	46	18-10-17	7+	LATE NOTIFIED			Y	Y	Y		151
14	BAHWALNAGAR	CHISHTIAN	PB/73/17/088	M	48	01-11-17	7+	20-11-17	21-11-17	NVI	N	N	Y		137
15	CHAKWAL	KALLAR KAHAR	PB/13/17/063	F	145	06-11-17	7+	LATE NOTIFIED			N	N	Y		132
16	DGKHAN	DG KHAN	PB/81/17/129	F	120	02-08-17	7+	LATE NOTIFIED			Y	Y	Y		228
17	DGKHAN	DG KHAN	PB/81/17/178	M	20	09-08-17	7+	LATE NOTIFIED			Y	N	Y	Y	221
18	DGKHAN	DG KHAN	PB/81/17/181	M	30	08-10-17	7+	26-10-17	27-10-17	NVI	N	N	Y		161
19	FAISALABAD	JARANWALA	PB/51/17/146	M	162	23-05-17	3	LATE NOTIFIED			Y	Y	UK	Y	299
20	FAISALABAD	JARANWALA	PB/51/17/191	M	84	12-09-17	7+	LATE NOTIFIED			N	N	Y		187
21	FAISALABAD	FSD CITY	PB/51/17/198	F	108	03-09-17	7+	22-09-17	23-09-17	EV	Y	N	Y		196
22	FAISALABAD	FSD SADAR	PB/51/17/201	F	20	22-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	239
23	FAISALABAD	JARANWALA	PB/51/17/203	M	39	02-09-17	7+	28-09-17	29-09-17	EV	Y	Y	Y		197
24	FAISALABAD	SAMUNDRI	PB/51/17/208	F	30	10-09-17	7+	10-10-17	11-10-17	NVI	Y	N	N		189
25	FAISALABAD	FSD SADAR	PB/51/17/209	M	11	04-08-17	7+	LATE NOTIFIED			N	Y	Y		226
26	FAISALABAD	FSD CITY	PB/51/17/266	M	120	07-12-17	7+	21-12-17	23-12-17	NVI	N	N	Y		101
27	GUJRANWALA	N.VIRKAN TOWN	PB/21/17/192	M	120	15-08-17	7+	LATE NOTIFIED			Y	Y	Y		215
28	HAFIZABAD	HAFIZABAD	PB/22/17/077	M	62	18-11-17	7+	13-12-17	14-12-17	NVI	Y	N	Y		120
29	JHANG	JHANG	PB/53/17/069	F	60	07-08-17	7+	24-08-17	26-08-17	EV	Y	Y	Y		223
30	JHANG	18-HAZARI	PB/53/17/082	M	168	29-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	201
31	JHANG	SHORKOT	PB/53/17/086	M	17	30-06-17	7+	LATE NOTIFIED			Y	Y	Y		261
32	JHANG	JHANG	PB/53/17/076	M	900	26-09-17	7+	LATE NOTIFIED			Y	N	Y		173
33	JHANG	SHORKOT	PB/53/17/087	M	96	19-10-17	7+	LATE NOTIFIED			Y	Y	Y		150
34	JHANG	SHORKOT	PB/53/17/099	F	33	02-12-17	7+	LATE NOTIFIED			Y	Y	Y		106
35	JHELUM	DINA	PB/14/17/046	M	123	29-10-17	7+	18-11-17	19-11-17	NVI	Y	N	Y		140
36	KASUR	PATTOKI	PB/32/17/087	M	148	28-07-17	7+	LATE NOTIFIED			Y	N	Y		233
37	KASUR	PATTOKI	PB/32/17/090	M	14	10-07-17	7+	LATE NOTIFIED			Y	Y	Y		251
38	KHANEWAL	KABIRWALA	PB/62/17/058	F	156	02-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	228
39	KHANEWAL	JAHANIAN	PB/62/17/091	F	46	25-10-17	7+	26-11-17	27-11-17	NVI	N	N	Y		144
40	KHUSHAB	KHUSHAB	PB/42/17/037	M	30	29-07-17	7+	LATE NOTIFIED			N	Y	UK	Y	232
41	LAHORE	SAMANABAD TOWN	PB/31/17/154	F	83	03-07-17	7+	DIED BEFORE STOOL			Y	N	N	DIED	258
42	LAHORE	DATA GUNJBUX TOWN	PB/31/17/230	M	15	11-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	219

* Afp.rec Data as of 19-03-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2017 (2/7)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSE€	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
43	LAHORE	NISHTER TOWN	PB/31/17/271	M	20	01-10-17	7+	LATE NOTIFIED			Y	Y	Y		168
44	LAHORE	RAVI TOWN	PB/31/17/264	F	144	13-12-17	7+	LATE NOTIFIED			N	N	Y		95
45	LAHORE	WAHGA TOWN	PB/31/17/275	M	4	21-10-17	7+	20-12-17	21-12-17	NVI	Y	N	Y		148
46	LAHORE	DATA GUNJBUX TOWN	PB/31/17/276	M	84	20-08-17	7+	LATE NOTIFIED			Y	Y	Y		210
47	LAHORE	ALLAMA IQBAL TOWN	PB/31/17/273	F	60	16-12-17	7+	LATE NOTIFIED			N	N	Y		92
48	LAHORE	AZIZ BHATTI TOWN	PB/31/17/290	F	23	15-12-17	7+	27-01-18	29-01-18	NVI	Y	Y	Y		93
49	LAYYAH	KAROR LAL ESAN	PB/84/17/181	M	8	30-11-17	7+	LATE NOTIFIED			Y	Y	Y		108
50	LODHRAN	KAHROR PAKKA	PB/64/17/072	M	144	13-12-17	7+	LATE NOTIFIED			N	N	Y		95
51	MIANWALI	EISAKHAIL	PB/43/17/044	M	120	13-07-17	7+	28-07-17	29-07-17	EV	Y	N	Y		248
52	MIANWALI	MAINWALI	PB/43/17/055	F	168	05-08-17	7+	LATE NOTIFIED			Y	N	N		225
53	MIANWALI	MAINWALI	PB/43/17/056	F	55	06-08-17	7+	LATE NOTIFIED			Y	N	N		224
54	MIANWALI	MAINWALI	PB/43/17/074	F	48	14-11-17	6	LATE NOTIFIED			Y	Y	Y		124
55	MULTAN	MULTAN URBAN	PB/61/17/103	F	42	08-08-17	7+	DIED BEFORE STOOL			N	N	Y	DIED	222
56	MULTAN	MULTAN URBAN	PB/61/17/126	M	60	25-09-17	7+	LATE NOTIFIED			Y	Y	Y		174
57	MULTAN	SHUJABAD	PB/61/17/125	M	48	24-09-17	7+	LATE NOTIFIED			Y	N	Y		175
58	MULTAN	MULTAN URBAN	PB/61/17/148	M	30	21-11-17	7+	19-12-17	20-12-17	EV	Y	Y	Y		117
59	MUZFARGARH	ALIPUR	PB/83/17/198	M	66	10-08-17	7+	26-09-17	28-09-17	NVI	Y	Y	Y		220
60	MUZFARGARH	KOT ADU	PB/83/17/194	M	49	03-09-17	7+	20-09-17	21-09-17	EV	Y	N	Y		196
61	MUZFARGARH	ALIPUR	PB/83/17/199	M	21	12-09-17	7+	27-09-17	29-09-17	NVI	Y	Y	Y		187
62	MUZFARGARH	MUZAFFARGARH	PB/83/17/224	M	25	26-10-17	7+	03-11-17	02-12-17	NVI	Y	N	Y		143
63	MUZFARGARH	MUZAFFARGARH	PB/83/17/234	M	48	13-11-17	7+	LATE NOTIFIED			Y	UK	Y		125
64	MUZFARGARH	ALIPUR	PB/83/17/285	F	36	12-11-17	7+	LATE NOTIFIED			Y	Y	Y		126
65	NANKANASAHIB	NANKANA SAHIB	PB/35/17/063	M	19	04-09-17	7+	29-09-17	01-10-17	NVI	Y	Y	Y		195
66	NANKANASAHIB	SANGLA HILL	PB/35/17/070	F	15	15-09-17	7+	25-10-17	27-10-17	EV	Y	Y	Y		184
67	OKARA	RENALA KHURD	PB/34/17/104	F	22	29-08-17	7+	LATE NOTIFIED			Y	Y	Y		201
68	OKARA	OKARA	PB/34/17/275	M	4	21-10-17	6	LATE NOTIFIED			Y	N	Y		148
69	OKARA	DEPALPUR	PB/34/17/277	F	30	10-12-17	7+	LATE NOTIFIED			Y	Y	Y		98
70	PAKPATTEN	PAKPATTEN	PB/66/17/080	M	168	04-12-17	7+	22-12-17	23-12-17	NVI	N	Y	Y		104
71	RAJANPUR	ROJHAN	PB/82/17/100	F	48	13-04-17	7+	LATE NOTIFIED			Y	Y	UK	Y	339
72	RAJANPUR	ROJHAN	PB/82/17/131	F	30	15-11-17	7+	LATE NOTIFIED			Y	Y	Y		123
73	RAJANPUR	JAM PUR	PB/82/17/143	M	18	21-11-17	7+	03-01-18	04-01-18	NVI	Y	N	Y		117
74	RAWALPINDI	RWP CITY	PB/11/17/166	F	42	08-09-17	7+	29-09-17	30-09-17	EV	Y	N	UK		191
75	RAWALPINDI	MURREE	PB/11/17/172	M	120	03-10-17	7+	22-10-17	24-10-17	NVI	Y	Y	Y		166
76	RAWALPINDI	RWP RURAL	PB/11/17/175	M	38	04-08-17	6	LATE NOTIFIED			Y	Y	Y	Y	226
77	RAWALPINDI	RWP RURAL	PB/11/17/183	M	156	02-10-17	7+	21-10-17	22-10-17	NVI	Y	Y	Y		167
78	RAWALPINDI	RWP CITY	PB/11/17/206	F	96	01-11-17	7+	20-11-17	22-11-17	NVI	N	N	N		137
79	RAWALPINDI	MURREE	PB/11/17/229	M	36	07-12-17	7+	29-12-17	30-12-17	VACC	Y	Y	Y		101
80	RAWALPINDI	RWP CITY	PB/11/17/231	F	123	12-12-17	7+	30-12-17	31-12-17	NVI	N	Y	Y		96
81	RYKHAN	RAHIMYAR KHAN	PB/72/17/251	M	36	15-12-17	7+	LATE NOTIFIED			N	N	Y		93
82	SAHIWAL	SAHIWAL	PB/65/17/078	M	36	21-08-17	7+	16-09-17	18-09-17	NVI	N	Y	Y		209
83	SAHIWAL	SAHIWAL	PB/65/17/089	F	156	02-10-17	7+	20-10-17	21-10-17	NVI	Y	Y	Y		167
84	SAHIWAL	SAHIWAL	PB/65/17/104	M	40	21-11-17	7+	13-12-17	14-12-17	NVI	Y	Y	Y		117

* Afp.rec Data as of 19-03-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2017 (3/7)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSESE	DSTOOL1	DSTOOL2	LAB	FEVER	ASVM	PROG	FUP	PEND (DAYS)
85	SARGODHA	SARGODHA	PB/41/17/092	M	36	21-09-17	7+	LATE NOTIFIED			Y	N	Y		178
86	SARGODHA	SHAHPUR	PB/41/17/114	M	23	02-12-17	7+	11-12-17	11-12-17	NVI	N	Y	Y		106
87	SARGODHA	SHAHPUR	PB/41/17/118	M	54	26-11-17	7+	12-12-17	13-12-17	NVI	N	Y	Y		112
88	SARGODHA	KOT MOMIN	PB/41/17/123	M	168	07-12-17	7+	LATE NOTIFIED			UK	UK	N		101
89	SHEIKHUPURA	FEROZEWALA	PB/33/17/035	M	36	04-05-17	7+	LATE NOTIFIED			N	N	Y		318
90	SHEIKHUPURA	SHEIKHUPURA	PB/33/17/087	M	114	15-09-17	7+	19-10-17	21-10-17	NVI	N	Y	UK		184
91	SHEIKHUPURA	MURIDKE	PB/33/17/095	M	60	16-11-17	7+	LATE NOTIFIED			N	N	Y		122
92	TTSINGH	TT SINGH	PB/52/17/072	M	6	12-07-17	7+	LATE NOTIFIED			N	Y	Y		249
93	TTSINGH	KAMALIA	PB/52/17/077	F	1	29-06-17	0	LATE NOTIFIED			N	Y	Y		262
94	TTSINGH	PIR MAHAL	PB/52/17/115	M	32	10-10-17	7+	10-11-17	11-11-17	NVI	Y	Y	Y		159
95	TTSINGH	PIR MAHAL	PB/52/17/109	M	82	08-08-17	7+	LATE NOTIFIED			N	Y	Y	Y	222
96	TTSINGH	PIR MAHAL	PB/52/17/111	M	21	06-10-17	7+	25-10-17	26-10-17	NVI	Y	Y	Y		163
97	TTSINGH	TT SINGH	PB/52/17/116	M	30	20-11-17	7+	26-11-17	26-11-17	VACC	N	Y	Y		118
98	VEHARI	VEHARI	PB/63/17/057	F	24	11-09-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	188
99	VEHARI	BUREWALA	PB/63/17/065	M	54	17-06-17	7+	LATE NOTIFIED			N	N	N	Y	274
100	BADIN	BADIN	SD/23/17/069	F	48	05-12-17	7+	27-12-17	28-12-17	NVI	Y	Y	Y		103
101	JAMSHORO	KOTRI	SD/25/17/053	F	48	20-11-17	7+	24-12-17	25-12-17	VACC	N	N	Y		118
102	KHILIAQAT	LIAQAT	SD/70/17/020	M	5	15-12-17	7+	LATE NOTIFIED			Y	N	Y		93
103	KHIMALIR	MALIR	SD/72/17/026	F	35	15-12-17	7+	LATE NOTIFIED			Y	N	Y		93
104	SUJAWAL	JATI	SD/79/17/101	M	36	12-11-17	7+	27-12-17	29-12-17	NVI	Y	N	Y		126
105	THARPARKAR	ANANGARPARKAR	SD/33/17/063	M	144	07-12-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	101
106	ABOTABAD	HAWALLIAN	KP/10/17/066	F	7	10-12-17	7+	LATE NOTIFIED			Y	Y	Y		98
107	ABOTABAD	HAWALLIAN	KP/10/17/073	M	108	01-12-17	7+	LATE NOTIFIED			N	N	Y	Y	107
108	BUNER	DAGGAR	KP/22/17/049	M	28	20-09-17	7+	LATE NOTIFIED			Y	N	Y	Y	179
109	HARIPUR	GHAZI	KP/12/17/049	F	123	09-10-17	7+	LATE NOTIFIED			Y	Y	N	Y	160
110	KARAK	KARAK	KP/51/17/067	F	72	06-07-17	0	LATE NOTIFIED			N	Y	Y	Y	255
111	KARAK	KARAK	KP/51/17/092	M	26	27-08-17	7+	LATE NOTIFIED			Y	Y	Y	Y	203
112	KARAK	KARAK	KP/51/17/093	M	26	20-10-17	7+	LATE NOTIFIED			N	Y	Y	Y	149
113	KOHAT	KOHAT	KP/50/17/039	F	13	25-09-17	7+	LATE NOTIFIED			N	Y	Y	Y	174
114	KOHAT	KOHAT	KP/50/17/054	M	72	28-10-17	3	LATE NOTIFIED			Y	N	N	Y	141
115	LAKKIMRWT	SERAI NAURANG	KP/62/17/052	M	36	18-08-17	1	LATE NOTIFIED			Y	Y	Y	Y	212
116	MARDAN	TAKHT BAH	KP/40/17/221	F	15	15-12-17	7+	LATE NOTIFIED			N	Y	Y		93
117	NOWSHERA	NOWSHERA	KP/32/17/082	F	6	08-12-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	100
118	PESHAWAR	PESHAWAR	KP/30/17/282	F	144	13-12-17	7+	09-02-18	10-02-18	NVI	N	Y	Y		95
119	SHANGLA	JALPURI	KP/26/17/039	F	96	03-09-17	0	DIED BEFORE STOOL			N	Y	UK	DIED	196
120	SWABI	TOPI	KP/41/17/145	M	40	01-08-17	3	LATE NOTIFIED			Y	N	UK	Y	229
121	TANK	TANK	KP/63/17/036	M	12	02-12-17	7+	LATE NOTIFIED			UK	Y	Y	Y	106
122	CHAGHAI	CHAGAI	BN/13/17/009	M	96	24-11-17	6	10-12-17	14-12-17	NVI	N	N	Y		114
123	CHAGHAI	NOKUNDI	BN/13/17/011	F	16	30-10-17	7+	LATE NOTIFIED			Y	N	Y	Y	139
124	DBUGTI	DBUGTI	BN/35/17/013	F	6	07-12-17	3	24-12-17	25-12-17	NVI	N	Y	Y		101
125	JAFARABAD	SOHBAT PUR	BN/43/17/045	M	24	10-12-17	7+	LATE NOTIFIED			N	Y	Y	Y	98
126	KABDULAH	KABDULLAH	BN/14/17/052	M	24	09-10-17	7+	LATE NOTIFIED			N	N	N	Y	160

* Afp.rec Data as of 19-03-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.

**Table 7.3: AFP CASES PENDING FOR CLASSIFICATION
WITH DATE OF ONSET MORE THAN 90 DAYS* 2017 (4/7)**

S. No	DISTRICT	TEHSIL	EPID	SEX	AGE	DONSET	DOSES€	DSTOOL1	DSTOOL2	LAB	FEVER	ASPM	PROG	FUP	PEND (DAYS)
127	KABDULAH	KABDULLAH	BN/14/17/053	F	25	09-10-17	7+				N	Y	N	Y	160
128	NOSHKI	NOSHKI	BN/15/17/015	F	36	11-11-17	7+				Y	Y	Y	Y	127
129	NSIRABAD	CHATTER	BN/41/17/037	M	120	20-11-17	7+	DIED BEFORE STOOL			Y	Y	Y	DIED	118
130	NSIRABAD	DM JAMALI	BN/41/17/044	F	3	22-11-17	3	LATE NOTIFIED			Y	N	Y	Y	116
131	BAGH	BAGH	AJ/50/17/008	M	1	26-05-17	3				Y	N	Y	DIED	296
132	BAGH	DHIR KOT	AJ/50/17/017	M	72	18-08-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	212
133	HAVELI	KHURSHIDABAD	AJ/51/17/006	M	60	07-08-17	7+				Y	N	Y	DIED	223
134	KOTLI	KHUIRATTA	AJ/30/17/002	F	156	01-01-17	7+	LATE NOTIFIED			Y	Y	Y	Y	441
135	MIRPUR	MIRPUR	AJ/20/17/007	F	59	17-06-17	7+	DIED BEFORE STOOL			N	Y	Y	DIED	274
136	BAJOUR	KHAR	FT/33/17/126	M	36	25-09-17	7+	LATE NOTIFIED			Y	Y	Y	Y	174
137	FR BANNU	FR BANNU	FT/69/17/024	M	48	22-10-17	7+	DIED BEFORE STOOL			Y	N	Y	DIED	147

* Afp.rec Data as of 19-03-2018

€ Based on recall of parents

60 days Follow-up not done

FUP = Residual Weakness at 60 days follow up.