



AFP SURVEILLANCE

Week 17, ending 30 April 2017

1-May-17

Number 969

Table 1: Acute Flaccid Paralysis (AFP) cases by week of onset

Country	Reported AFP cases by week of onset - Week (17/17) / Ending on : 30/04/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	W06 12 Feb 17	W07 19 Feb 17	W08 26 Feb 17	W09 05 Mar 17	W10 12 Mar 17	W11 19 Mar 17	W12 26 Mar 17	W13 02 Apr 17	W14 09 Apr 17	W15 16 Apr 17	W16 23 Apr 17	W17 30 Apr 17
Afghanistan	2738	2905	960	67	68	58	77	41	52	66	68	63	72	50	5
Bahrain	19	14	8	2	0	1	2	0	0	0	1	2	0	0	0
Djibouti	3	3	4	0	1	0	1	0	1	0	0	0	0	0	0
Egypt	1046	1092	409	22	37	25	26	20	28	26	26	30	21	18	5
Iran	780	776	199	20	14	8	15	10	6	13	16	10	10	3	0
Iraq	520	605	209	14	13	11	14	12	14	13	9	11	18	6	0
Jordan ****	90	107	33	2	1	3	2	2	2	2	1	3	2	2	0
Kuwait	32	50	23	0	1	0	0	0	7	2	2	2	2	0	0
Lebanon ****	113	111	32	3	4	4	2	2	1	1	1	1	2	1	0
Libya	54	70	34	2	3	1	2	2	0	4	4	0	4	0	0
Morocco	79	83	30	3	2	3	4	5	1	2	0	1	1	0	0
Oman	39	39	7	1	2	1	1	0	0	0	2	0	0	0	0
Pakistan	5814	7847	2675	186	210	191	195	178	181	153	162	139	147	35	0
Palestine ****	38	46	11	1	2	0	0	1	1	0	0	0	1	0	0
Qatar	11	9	5	3	0	1	0	0	0	0	0	0	0	0	0
Saudi Arabia	254	273	75	7	3	4	2	6	7	3	1	1	4	3	0
Somalia	281	316	122	8	9	11	7	12	8	9	8	6	7	4	0
Sudan	436	509	143	7	11	8	5	15	8	14	6	5	5	2	0
Syria ****	235	303	83	8	3	9	5	5	6	5	8	3	6	1	0
Tunisia	64	90	13	2	3	0	3	1	0	1	0	0	0	0	0
U.A.E	31	42	18	1	0	3	2	3	0	1	1	0	1	0	0
Yemen	537	715	241	17	12	17	25	19	17	17	12	19	10	3	0
Total EMR	13214	16005	5334	376	399	359	390	334	340	332	328	296	313	128	10

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	30/04		Confirmed polio cases by month of onset											
			2016	2017	May 2016	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017
Afghanistan	20	13	5	3	1	0	0	2	2	2	0	1	2	1	0	0
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Djibouti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jordan ****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon ****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pakistan	54	20	11	2	0	2	1	0	2	2	1	1	1	1	0	0
Palestine ****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syria ****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U.A.E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total EMR	74	33	16	5	1	2	1	2	4	4	1	2	3	2	0	0

**** UNRWA cases are included with those of country of residence

Table 3: Investigation of AFP cases with paralysis onset in 2016 & 2017 up to Week (17/17) / Ending on : 30/04/2017

COUNTRY	2016												2017												Latest line List Date
	AFP									Specimen	Wild cases ****		AFP									Specimen	Wild cases ****		
	Total AFP cases onset 2016	Case classification					Non polio AFP rate **	AFP cases pending classification > 90 days from onset of paralysis	AFP cases pending classification and lab > 90 days from onset of paralysis		% with *** adequate specimens	Wild P1 Poliovirus	Wild P3 Poliovirus	Total AFP cases onset 2017	Case classification					Annualized Non polio AFP rate **	AFP cases pending classification > 90 days from onset of paralysis		AFP cases pending classification and lab > 90 days from onset of paralysis	% with *** adequate specimens	
		Total Confirmed Polio Cases *	Polio Compatible	Pending Classification	Discarded (non polio AFP)	VDPV				Total Confirmed Polio Cases *					Polio Compatible	Pending Classification	Discarded (non polio AFP)	VDPV							
Afghanistan	2905	13	0	0	2891	1	14.4	0	0	92.2	13	0	960	3	0	248	709	0	14.1	15	2	93.0	3	0	30/04/2017
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	8	0	0	6	2	0	8.4	0	0	100.0	0	0	30/04/2017
Djibouti	3	0	0	0	3	0	1.0	0	0	33.3	0	0	4	0	0	4	0	0	4.1	1	1	100.0	0	0	04/10/2017
Egypt	1092	0	0	1	1091	0	2.9	1	0	94.1	0	0	409	0	0	116	292	0	3.3	0	0	87.3	0	0	27/04/2017
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	199	0	0	8	191	0	3.2	0	0	97.5	0	0	30/04/2017
Iraq	605	0	0	6	598	1	4.2	6	1	80.7	0	0	209	0	0	45	164	0	4.3	8	0	89.0	0	0	30/04/2017
Jordan	107	0	0	0	107	0	3.8	0	0	100.0	0	0	33	0	0	25	8	0	3.5	5	0	100.0	0	0	27/04/2017
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	23	0	0	9	14	0	8.0	1	0	73.9	0	0	24/04/2017
Lebanon	111	0	0	8	103	0	5.8	8	0	82.9	0	0	32	0	0	6	26	0	5.2	0	0	78.1	0	0	30/04/2017
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	34	0	0	9	25	0	4.9	2	0	91.2	0	0	29/04/2017
Morocco	83	0	0	0	83	0	0.8	0	0	61.4	0	0	30	0	0	8	22	0	0.9	1	0	80.0	0	0	21/04/2017
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	7	0	0	4	3	0	2.1	0	0	85.7	0	0	30/04/2017
Pakistan	7847	20	5	26	7794	2	10.0	26	11	87.4	20	0	2675	2	0	521	2152	0	10.4	59	2	90.2	2	0	30/04/2017
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	11	0	0	4	7	0	1.8	0	0	100.0	0	0	30/04/2017
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	5	0	0	5	0	0	5.1	0	0	80.0	0	0	04/09/2017
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	97.8	0	0	75	0	0	69	6	0	2.4	18	17	98.7	0	0	30/04/2017
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	122	0	0	14	108	0	6.4	0	0	97.5	0	0	30/04/2017
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	143	0	0	12	131	0	2.4	0	0	99.3	0	0	30/04/2017
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	83	0	0	22	61	0	3.2	1	0	89.2	0	0	29/04/2017
Tunisia	90	0	0	0	89	1	3.4	0	0	77.8	0	0	13	0	0	1	12	0	1.5	1	1	76.9	0	0	28/04/2017
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	18	0	0	6	12	0	5.4	0	0	94.4	0	0	30/04/2017
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	241	0	0	150	91	0	5.3	2	0	92.1	0	0	29/04/2017
EMR	16005	33	5	41	15918	8	6.4	41	12	89.7	33	0	5334	5	0	1292	4036	0	6.5	114	23	91.2	5	0	
2015	13214	74	15	1	13117	8	5.2	0	0	90.2	74	0													

* Confirmed polio cases refer to wild isolation from AFP cases or from contacts of negative index AFP cases

** Non-polio AFP per 100,000 children <15 years

*** Adequate here refers to two stool specimens collected at least 24 hours apart, within 14 days of paralysis onset

**** AFP cases co infected with P1 and P3 are counted separately as wild isolates



World Health Organization – Regional Office for Eastern Mediterranean
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Table 4 (a): Lab results of contacts' samples in EMR, 2016 - 2017

COUNTRY	2016						2017					
	# OF CONTACTS	LAB RESULTS					# OF CONTACTS	LAB RESULTS				
		WILD	VDPV	SL	NPEV	PEND		WILD	VDPV	SL	NPEV	PEND
AFG	1453	8		127	343		454			32	67	73
BAH							2					
DJI	9				9							
EGY	362			13	49	14	99			3	3	15
ETH												
IRN	170			3	6		19			1		
IRQ	658			28	102	6	167			6	16	43
JOR												
KUW	78						8					2
LEB	210			11	2	20	14			1	3	3
LIB							4					1
MOR	82			1	7	7	11					
OMA	102			1	7	2	17				2	
PAK	2503	5		181	525		1170			66	165	108
PAL												
QAT												
SAA												
SOM	930		1	50	110		371			19	36	33
SUD	228				18	19	63			1	1	35
SYR	679			9	17		223			1		39
TUN	20				1	1	6					
UAE												
YEM	1723		2	37	277	5	665			7	38	372
EMR	9207	13	3	461	1473	74	3293			137	331	724

Table 4 (B): Most recent wild contacts in EMRO, 2016 - 2017

Year	Country	Data	
		Count of wild contacts	Date of Most Recent stool collection
2016	Pakistan	5	25-11-16
	Afghanistan	4	07-10-16
2016 Total		9	25-11-16

Table 4 (C): Number and distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2016-2017

YEAR	COUNTRY	PROVINCE	DISTRICT	COUNT	First case	Last case
2016	AFG	KUNAR	SHIGAL WA SHEL TAN	1	26-02-16	26-02-16
			HILMAND	1	23-01-16	23-01-16
			PAKTIKA	1	01-09-16	01-09-16
	AFG Total			3	23-01-16	01-09-16
	PAK	KHYBER PAKHTOON	KOHISTAN	1	03-09-16	03-09-16
			SINDH	1	10-10-16	10-10-16
PAK Total			2	03-09-16	10-10-16	



Table 5: Laboratory investigation of AFP cases with paralysis onset in 2017 up to Week (17/17) / Ending on : (30/04/2017)

Country	Polio laboratories Sequencing performed by CDC and RIVM laboratories	AFP cases with specimens	Preliminary virus isolation results of AFP cases						Poliovirus intratypic differentiation results #									Indicators				Latest report Date					
			Referred for ITD		NPEV only	Negative	Pending		Type 1			Type 2			Type 3			Discordant pending sequence	NPEV by PCR	Non-EV	Pending ITD		% specimens positive for NPEV*	% AFP cases with culture results within 14 days	% AFP cases with ITD results within 7 days	% AFP cases with ITD results within 45 days of onset**	
			L20B+	L20B+NPEV			received < / = 14 days	received > 14 days ago	Wild	Sabin	VDPV	Wild	Sabin	VDPV	Wild	Sabin	VDPV										
Afghanistan	RRL Pakistan	903	86	10	100	593	114		3	69										1			12%	100%	99%	98%	30/04/2017
Bahrain	PNL Oman	8				5	3															0%	100%		100%	24/04/2017	
Djibouti	NPL Kenya	4						4																		10/04/2017	
Egypt***	RRL Egypt	382	4	1	38	276	17	46		2			1		1					2		9%	100%	100%	100%	30/04/2017	
Iran	NPL Iran	212	3		2	186	21			2					2							1%	98%	100%	100%	29/04/2017	
Iraq	RRL Egypt	207	17		18	141	26	5		15					16							10%	100%	100%	93%	27/04/2017	
Jordan	RRL Tunisia	33	1		2	26	4															8%	100%			27/04/2017	
19/04/2017	RRL Kuwait	25			1	18	1	5														3%	89%		100%	19/04/2017	
Lebanon	NPL Jordan	27	1		3	23								1								13%	100%	100%	100%	27/04/2017	
Libya	RRL Tunisia	11				9		2														0%	100%		100%	24/02/2017	
Morocco	RRL Tunisia	27			1	24	2															3%	100%		100%	28/04/2017	
Oman	NPL Oman	7			3	4																23%	100%		100%	24/04/2017	
Pakistan	RRL Pakistan	2781	152	7	356	1944	320	1	2	89		6		103						1		12%	100%	100%	98%	30/04/2017	
Palestine & UNRWA		11			4	5		2														44%	13%		100%	30/04/2017	
Qatar	NPL Oman	5				5																0%	100%		100%	24/04/2017	
Saudi Arabia	NPL Oman	83			12	56	14	1														11%	97%		100%	30/04/2017	
Somalia	NPL Kenya	122	13	2	13	83	5	6		8				10							3	14%	31%		100%	30/04/2017	
Sudan	RRL Egypt	145	4		15	117	9			2												10%	100%	100%	100%	30/04/2017	
Syria	RRL Egypt	82	2			71	8	1		1					2							0%	100%	100%	100%	30/04/2017	
Tunisia	RRL Tunisia	8				4		4														3%	100%		100%	24/02/2017	
U.A.E	NPL Oman	14	1		2	9	2			1					1							17%	100%	100%	58%	24/04/2017	
Yemen	RRL Egypt	204	2	2	10	75		115		2				3						2		13%	99%	100%	30%	30/04/2017	
Total EMR 2017		5301	286	22	580	3674	546	192	5	191		6	1	207			6		3			11%	98%	100%	97%		
Total EMR 2016		15756	823	94	2779	12040		17	28	482		85	7	566	1	2	23	3	4			15%	94%	98%	94%		

* Specimens from all sources including non-AFP cases, excluding environmental samples

** This indicator reflects surveillance and laboratory activities



Table 6: Environmental isolate by year and type

Country	Status	2010	2011	2012	2013	2014	2015	2016	2017
AFG	NEGATIVE				9	78	129	183	73
	PENDING								13
	WILD					17	20	2	4
AFG Total					9	95	149	185	90
EGY	NEGATIVE	183	178	196	304	410	412	528	142
	PENDING								21
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
EGY Total		183	178	206	307	413	415	529	163
JOR	NEGATIVE							2	9
	PENDING								3
JOR Total								2	12
LEB	NEGATIVE							4	6
	PENDING								1
LEB Total								3	7
PAK	NEGATIVE	77	68	151	257	237	347	462	145
	PENDING								26
	WILD	79	136	88	63	125	79	59	34
	WILD & VDPV2				2	6	5	3	
	VDPV2					4	8	5	1
PAK Total		156	204	239	322	372	439	529	206
EMR	NEGATIVE	260	246	347	570	725	888	1179	375
	PENDING								64
	WILD	79	136	90	63	142	99	61	38
	WILD & VDPV2				2	6	5	3	
	VDPV1			1		1			
VDPV2			7	3	6	11	6	1	
EMR Total		339	382	445	638	880	1003	1248	478

Table 7: Environmental Wild/VDPV isolate by site

Year	Country	Status	Province	District	Count	First date	Last date	
2016	AFG	WILD1	HILMAND	NAHR-E-SARAJ	1	23-Dec	23-Dec	
			NANGARHAR	JALALABAD	1	26-Dec	26-Dec	
	AFG Total					2	23-Dec	26-Dec
	EGY	VDPV2	SOUTH SINIA	EL TUR	1	15-Mar	15-Mar	
	EGY Total					1	15-Mar	15-Mar
	PAK	WILD1	BALOCHISTAN	KHYBER PAKHTUNKHWA	KABDULLAH	6	15-Jan	2-Dec
					PISHIN	4	2-Aug	16-Sep
					QUETTA	11	12-Feb	20-Nov
				PUNJAB	DIKHAN	1	16-Jul	16-Jul
					PESHAWAR	10	11-Jan	10-Dec
					DERA GHAZI KHAN	1	12-May	12-May
				SINDH	FAISALABAD	2	3-Feb	2-Jul
					LAHORE	3	5-Aug	18-Oct
					MULTAN	2	8-Nov	8-Dec
					RAWALPINDI	4	14-Apr	10-Dec
					HYDERABAD	1	5-Jan	5-Jan
				SINDH	JACOBABAD	3	4-Feb	16-Aug
KHIBALDIA					1	14-Jul	14-Jul	
KHIGADAP					4	27-Jan	9-Mar	
KHIGIQBAL					2	18-Jan	15-Mar	
KHILANDHI	1	14-Dec	14-Dec					
WILD1+VDPV2	BALOCHISTAN	QUETTA	SUKKUR	3	12-Jan	19-Mar		
			QUETTA	3	20-Oct	12-Dec		
			QUETTA	4	20-Jun	28-Dec		
VDPV2	SINDH	HYDERABAD	1	11-Jul	11-Jul			
PAK Total					67	5-Jan	28-Dec	
2016 Total					70	5-Jan	28-Dec	
2017	AFG	WILD1	KANDAHAR	KANDAHAR	2	26-Jan	9-Mar	
			NANGARHAR	JALALABAD	2	24-Jan	25-Mar	
	AFG Total					4	24-Jan	25-Mar
	PAK	WILD1	BALOCHISTAN	KHYBER PAKHTUNKHWA	KABDULLAH	7	1-Jan	1-Apr
					PISHIN	4	2-Jan	3-Apr
					QUETTA	5	1-Jan	14-Mar
			PUNJAB	ISLAMABAD	3	10-Feb	10-Apr	
				PESHAWAR	3	10-Jan	10-Apr	
				MULTAN	1	9-Jan	9-Jan	
			SINDH	RAWALPINDI	2	10-Jan	10-Feb	
				KHIGADAP	4	9-Jan	13-Mar	
				KHIGIQBAL	3	3-Feb	8-Apr	
				KHILANDHI	1	16-Mar	16-Mar	
	WDPV2	BALOCHISTAN	QUETTA	SUKKUR	1	11-Apr	11-Apr	
				QUETTA	1	3-Apr	3-Apr	
	PAK Total					35	1-Jan	11-Apr
	2017 Total					39	1-Jan	11-Apr



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 30/04/2017

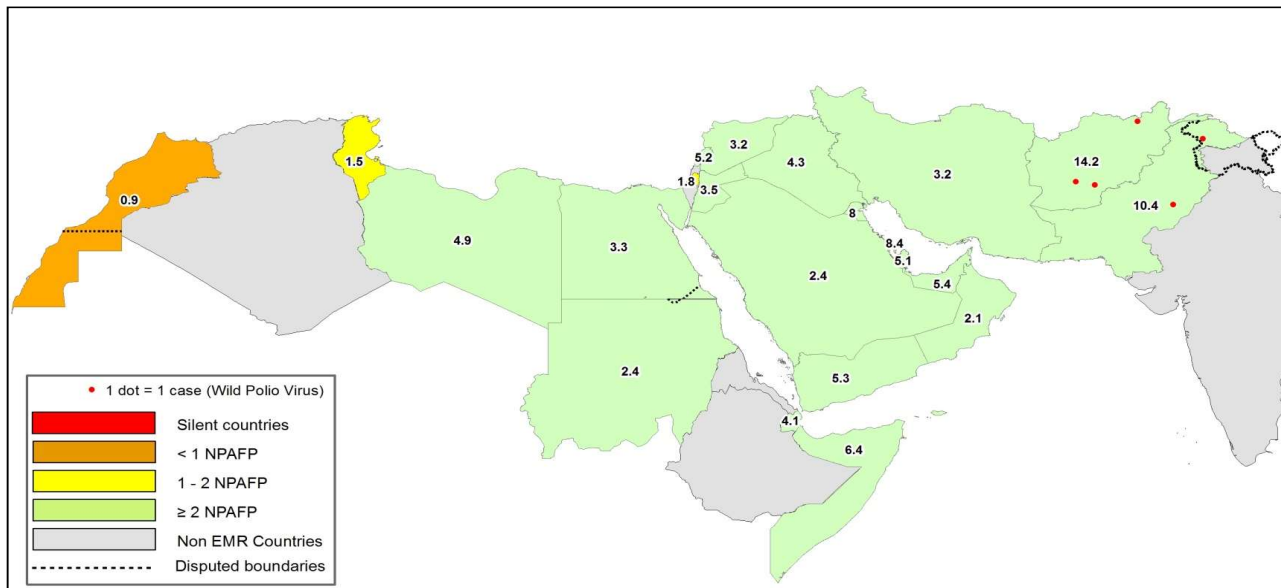


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 30/04/2017

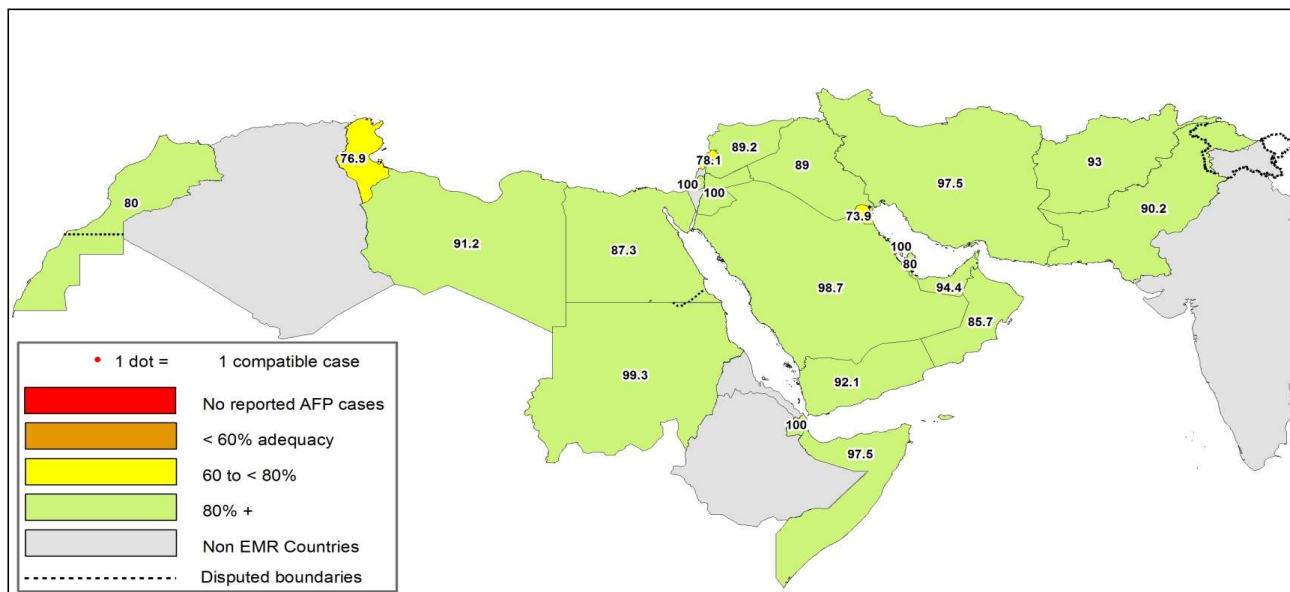


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017

Year	COUNTRY	P1		
		Count	First Case	Last Case
2016	AFG	13	23-01-16	16-12-16
	PAK	20	17-01-16	22-12-16
2016 Total		33	17-01-16	22-12-16
2017	AFG	3	13-01-17	21-02-17
	PAK	2	28-01-17	13-02-17
2017 Total		5	13-01-17	21-02-17

Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



Figure 3: Non Polio AFP rate by District in Afghanistan & Pakistan 01/01/2017 - 30/04/2017

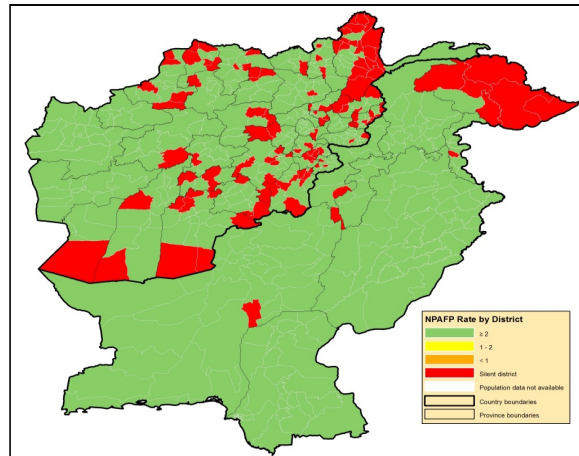


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2017 - 30/04/2017

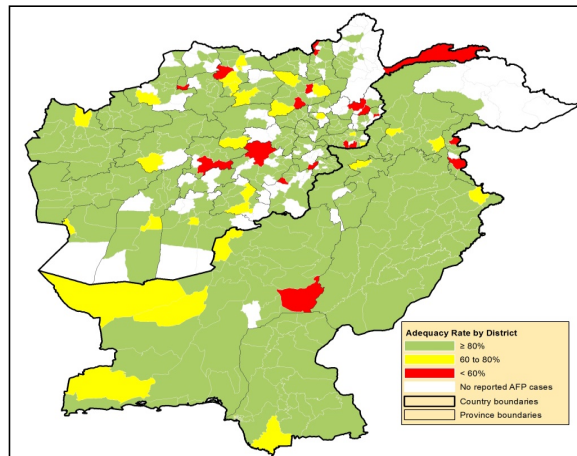
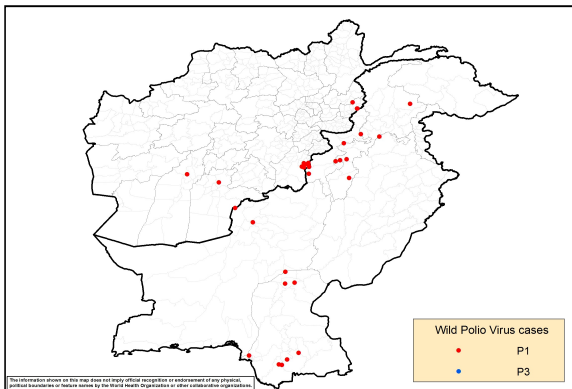


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

5a: 01/01/2016 - 31/12/2016



5b: 01/01/2017 - 30/04/2017

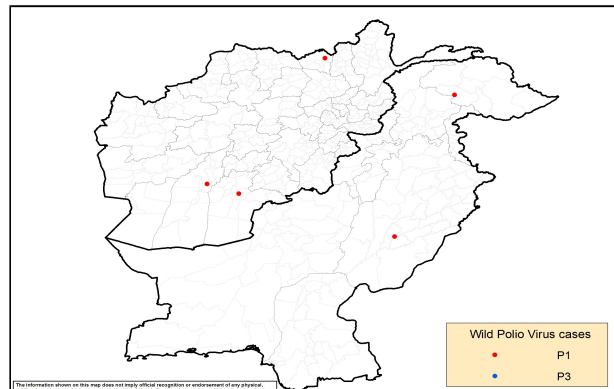




Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2016-2017

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2016	PAKTIKA	BERMEL	7	02-08-16	16-12-16
	KUNAR	SHIGAL WA SHEL TAN	4	01-02-16	29-05-16
	KAN DAHAR	SHAHWALIKOT	1	04-04-16	04-04-16
	HILMAND	NAWZAD	1	23-01-16	23-01-16
2016 Total			13	23-01-16	16-12-16
2017	KUNDUZ	DASHT-E-ARCHI	1	21-02-17	21-02-17
	HILMAND	NAHR-E-SARAJ	1	21-01-17	21-01-17
	KAN DAHAR	KAN DAHAR	1	13-01-17	13-01-17
2017 Total			3	13-01-17	21-02-17

Table 10: Wild Polio cases by district and date of onset of paralysis, Pakistan 2016-2017

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2016	BALOCHISTAN	KABDULAH	1	22-12-16	22-12-16
		QUETTA	1	01-02-16	01-02-16
	SINDH	SUJAWAL	2	03-09-16	03-11-16
		BADIN	2	10-10-16	16-10-16
		SHIKARPUR	2	05-03-16	12-04-16
		JACOBABAD	1	10-02-16	10-02-16
		KHIGADAP	1	17-01-16	17-01-16
		KHYBER PAKHTOON	KOHISTAN	1	03-09-16
	DIKHAN		1	06-06-16	06-06-16
	BANNU		3	22-03-16	26-04-16
	PESHAWAR		1	12-02-16	12-02-16
	HANGU		1	09-02-16	09-02-16
	NOWSHERA		1	22-01-16	22-01-16
FATA	WAZIR-S	2	18-06-16	27-07-16	
2016 Total			20	17-01-16	22-12-16
2017	GILGIT BALTISTAN	DIAMIR	1	13-02-17	13-02-17
	PUNJAB	LODHRAN	1	28-01-17	28-01-17
2017 Total			2	28-01-17	13-02-17

Table 11: Circulating VDPV cases and date of onset of paralysis in EMR countries by districts 2016 - 2017

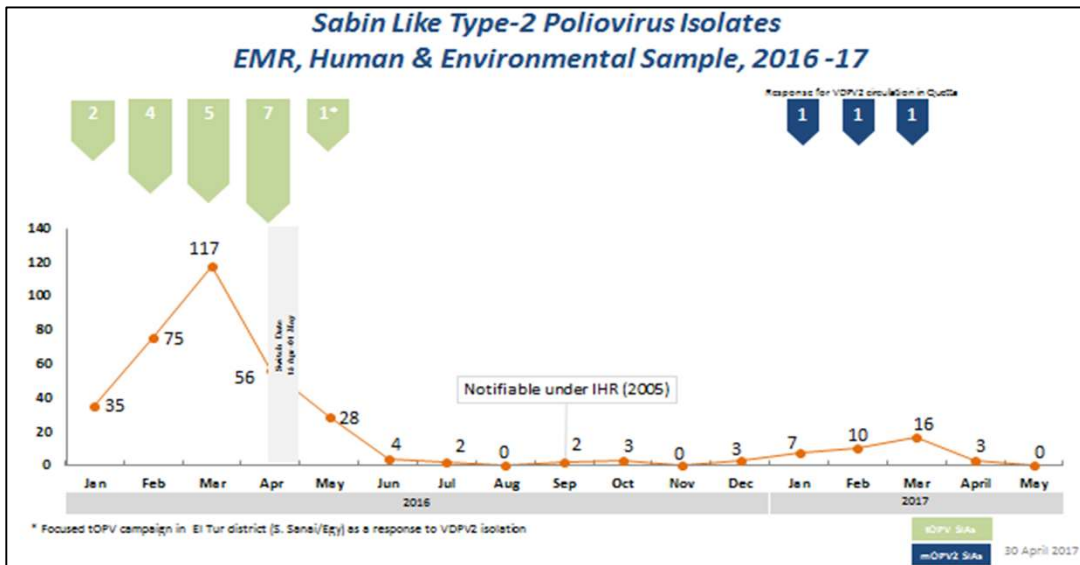
Year	COUNTRY	PROVINCE	DISTRICT	cVDPV2		
				Count	First Case	Last Case
2016	PAK	BALOCHISTAN	QUETTA	1	17-12-16	17-12-16
	PAK Total			1	17-12-16	17-12-16
2016 Total				1	17-12-16	17-12-16



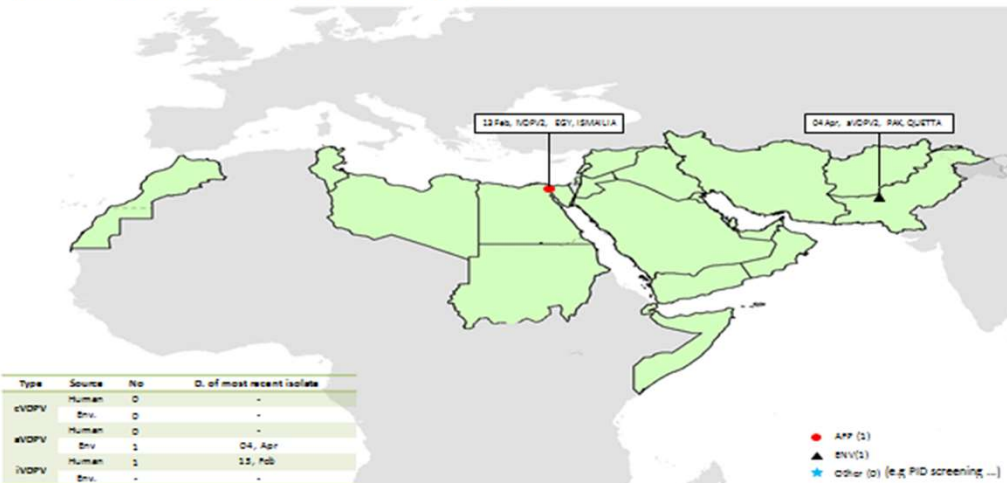
Table 12: VDPV2 and Sabin Like 2 isolates, EMRO countries 2016 - 2017

Country	Poliovirus type 2 by month																										
	2016															2017											
	Source	May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May	
	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	VDPV2	SL2	
AFG	AFP	1								1	1																
	Contact	1																									
	ENV																			1							
	Others*																										
BAH	AFP																										
	Contact																										
	Others*																										
	DJI	AFP																									
Contact																											
Others*																											
EGY		AFP		1																	1						
	Contact																										
	ENV		8																								
	Others*		1			1																					
IRN	AFP		1											1													
	Contact																										
	Others*																										
	IRQ	AFP												1													
Contact																											
Others*																											
JOR		AFP																									
	Contact																										
	ENV																										
	Others*																										
KWT	AFP																										
	Contact																										
	Others*																										
	LEB	AFP																									
Contact																											
ENV																											
Others*																											
LIB	AFP																										
	Contact																										
	Others*																										
	MOR	AFP																									
Contact																											
Others*																											
OMA		AFP																									
	Contact																										
	Others*																										
	PAK	AFP		3								1						1	2					5			
Contact			1																1				1			2	
ENV			9	1	3	1	1				1	1	1	2	1		3			5	9		10	1	1		
Others*																											
PNA	AFP																										
	Contact																										
	Others*							1																			
	QAT	AFP																									
Contact																											
Others*																											
SAA		AFP																									
	Contact																										
	Others*																										
	SUD	AFP																									
Contact																											
Others*																											
SOM		AFP				1		1					1														
	Contact																										
	Others*																										
	SYR	AFP		1																							
Contact																											
Others*																											
TUN		AFP																									
	Contact																										
	Others*																										
	UAE	AFP																									
Contact																											
Others*																											
YEM		AFP		1	1**																						
	Contact		1	1**																							
	Others*																										
	EMR	AFP		8	1	1		1				2	1	1	1	1		1	3				5			1	
Contact			3	1																1			1			2	
ENV			17	1	3	1	1				1	1	1	2	1		3			6		9		10	1	1	
Others*			1			1		1																			

VDPV2
 *Other: Healthy children, PIDs
 ** VDPV2 isolated from index and contact at the same time



VDPV2 isolates, EMR countries, 2017



VDPV2 isolates, EMR countries, 2017

