



AFP SURVEILLANCE

29-Jan-18

Week 04, ending 28 January 2018

Number 1008

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

Country	Reported AFP cases by week of onset - Week (04/18) / Ending on : 28/01/2018														
	Total AFP 2016	Total AFP 2017	Total AFP to date, 2018	W45 12 Nov 17	W46 19 Nov 17	W47 26 Nov 17	W48 03 Dec 17	W49 10 Dec 17	W50 17 Dec 17	W51 24 Dec 17	W52 31 Dec 17	W01 07 Jan 18	W02 14 Jan 18	W03 21 Jan 18	W04 28 Jan 18
Afghanistan	2905	3089	227	55	54	48	64	81	74	53	57	68	82	63	14
Bahrain	14	18	2	0	1	0	0	1	1	0	0	0	2	0	0
Djibouti	3	4	0												
Egypt	1092	1240	93	23	22	21	14	37	30	20	11	25	25	38	5
Iran	776	820	53	9	15	13	21	17	23	17	22	37	13	3	
Iraq	605	698	42	14	11	12	17	17	17	13	20	27	9	6	
Jordan ****	107	116	10	1	0	5	2	5	5	4	0	4	4	2	
Kuwait	50	68	2	5	3	1	1	1	4	2	2	0	2	0	0
Lebanon ****	111	77	4	2	1	1	0	0	2	1	2	1	1	2	
Libya	70	88	5	0	4	2	1	2	0	0	2	4	1	0	
Morocco	84	139	14	6	3	5	2	5	1	1	4	8	3	3	
Oman	39	40	0	1	0	0	3	2	0	1	1	0	0	0	
Pakistan	7848	10155	338	177	206	212	159	189	249	214	133	205	105	28	0
Palestine ****	46	43	3	2	2	1	1	0	0	1	2	1	1	1	0
Qatar	9	18	0	1	1	0	0	1	0	0	0	0	0	0	0
Saudi Arabia	273	238	0	2	7	7	6	6	2	2	0	0	0	0	0
Somalia	316	345	14	5	6	2	6	4	5	3	3	6	5	3	0
Sudan	509	570	32	12	14	12	18	8	12	3	5	14	9	7	2
Syria ****	303	360	11	7	8	2	6	4	7	4	3	8	1	2	
Tunisia	90	65	4	1	1	0	1	2	1	1	0	2	2	0	
U.A.E	42	58	4	0	1	1	2	1	1	1	1	1	1	2	0
Yemen	715	712	38	20	14	18	16	15	9	13	10	17	16	5	
Total EMR	16007	18961	896	343	374	363	340	398	443	354	278	428	282	165	21

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2016	Total year 2017	28/01		Confirmed polio cases by month of onset											
			2017	2018	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	January 2018
Afghanistan	13	14	2	1	1	0	1	0	1	1		1	3	2	2	1
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Djibouti	0	0	0	0												
Egypt	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		
Iraq	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	
Kuwait	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		
Libya	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		
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pakistan	20	8	1	0	1	0	0	0	1	0	2	0	0	3		
Palestine ****	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		
Saudi Arabia	0	0	0	0	0	0										
Somalia	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	
Syria ****	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		
U.A.E	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						
Total EMR	33	22	3	1	2	0	1	0	2	1	2	1	3	5	2	1

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



Table 3: Investigation of AFP cases with paralysis onset in 2017 & 2018 up to Week (04/18) / Ending on : 28/01/2018

COUNTRY	2017												2018												Latest line List Date
	AFP									Specimen	Wild cases ****		AFP									Specimen	Wild cases ****		
	Total AFP cases onset 2017	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 2018	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	3089	14	0	47	3028	0	14.9	19	2	93.7	14	0	227	1	0	191	35	0	14.3	0	0	97.4	1	0	28-01-2018
Bahrain	18	0	0	3	15	0	6.2	0	0	100.0	0	0	2	0	0	2	0	0	9.0	0	0	100.0	0	0	28-01-2018
Djibouti	4	0	0	4	0	0	1.3	4	4	100.0	0	0	0	0	0	0	0	0	0.0	0	0		0	0	10-04-2017
Egypt	1240	0	0	28	1210	1	3.3	5	0	94.4	0	0	93	0	0	93	0	0	3.3	0	0	9.7	0	0	28-01-2018
Iran	820	0	0	4	816	0	4.3	0	0	97.0	0	0	53	0	0	39	13	1 *	3.6	0	0	94.3	0	0	27-01-2018
Iraq	698	0	0	29	669	0	4.7	4	1	86.5	0	0	42	0	0	38	4	0	3.7	0	0	85.7	0	0	26-01-2018
Jordan	116	0	0	17	99	0	4.2	0	0	100.0	0	0	10	0	0	10	0	0	4.8	0	0	100.0	0	0	25-01-2018
Kuwait	68	0	0	0	68	0	7.4	0	0	94.1	0	0	2	0	0	2	0	0	1.4	0	0	50.0	0	0	28-01-2018
Lebanon	77	0	0	13	64	0	4.1	7	0	77.9	0	0	4	0	0	4	0	0	2.8	0	0	100.0	0	0	26-01-2018
Libya	88	0	0	3	85	0	4.3	1	1	96.6	0	0	5	0	0	5	0	0	2.6	0	0	100.0	0	0	27-01-2018
Morocco	139	0	0	45	94	0	1.3	32	0	66.2	0	0	14	0	0	14	0	0	1.6	0	0	71.4	0	0	26-01-2018
Oman	40	0	0	0	40	0	4.5	0	0	90.0	0	0	0	0	0	0	0	0	0.0	0	0		0	0	21-01-2018
Pakistan	10155	8	0	547	9600	0	13.0	276	0	85.6	8	0	338	0	0	246	92	0	5.6	0	0	78.4	0	0	28-01-2018
Palestine	43	0	0	8	35	0	2.3	0	0	97.7	0	0	3	0	0	3	0	0	2.1	0	0	100.0	0	0	28-01-2018
Qatar	18	0	0	5	13	0	6.1	1	0	94.4	0	0	0	0	0	0	0	0	0.0	0	0		0	0	24-12-2017
Saudi Arabia	238	0	0	145	93	0	2.5	113	110	98.3	0	0	0	0	0	0	0	0	0.0	0	0		0	0	28-01-2018
Somalia	345	0	0	2	343	0	6.0	1	1	99.1	0	0	14	0	0	13	1	0	3.2	0	0	100.0	0	0	28-01-2018
Sudan	570	0	0	1	569	0	3.2	0	0	96.3	0	0	32	0	0	19	13	0	2.3	0	0	96.9	0	0	28-01-2018
Syria	360	0	1	8	277	74	4.6	1	0	81.1	0	0	11	0	0	10	1	0	1.9	0	0	90.9	0	0	27-01-2018
Tunisia	65	0	0	2	63	0	2.4	0	0	73.8	0	0	4	0	0	4	0	0	2.0	0	0	100.0	0	0	26-01-2018
U.A.E	58	0	0	4	54	0	5.7	0	0	96.6	0	0	4	0	0	4	0	0	5.2	0	0	100.0	0	0	28-01-2018
Yemen	712	0	0	247	465	0	5.2	119	101	90.4	0	0	38	0	0	38	0	0	3.5	0	0	97.4	0	0	27-01-2018
EMR	18961	22	1	1162	17700	75	7.6	583	220	88.9	22	0	896	1	0	735	159	1	4.6	0	0	79.9	1	0	
2016	16008	33	5	1	15961	8	6.4	0	0	89.6	33	0													

*** Advance notification of a new VDPV2 from Tehran, Iran, with onset 01/01/2018 pending final classification**

* 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
AFP SURVEILLANCE
Week 04, ending 28 January 2018

29-Jan-18
Number 1008

Table 4 (a): Lab results of contacts' samples in EMR, 2017 - 2018

COUNTRY	2017						2018					
	# OF CONTACTS	LAB RESULTS					# OF CONTACTS	LAB RESULTS				
		WILD	VDPV	SL	NPEV	PENDING		WILD	VDPV	SL	NPEV	PENDING
AFG	1425	1	0	88	347	0	64	0	0	2	3	20
BAH	2	0	0	0	0	0	0	0	0	0	0	0
DJI	0	0	0	0	0	0	0	0	0	0	0	0
EGY	450	0	0	9	63	18	6	0	0	0	0	0
IRN	143	0	0	5	1	0	2	0	0	0	0	0
IRQ	698	0	0	13	101	16	39	0	0	0	0	37
JOR	2	0	0	0	0	0	0	0	0	0	0	0
KUW	8	0	0	0	0	2	0	0	0	0	0	0
LEB	92	0	0	2	3	21	18	0	0	0	0	18
LIB	4	0	0	0	0	1	0	0	0	0	0	0
MOR	84	0	0	0	7	0	2	0	0	0	0	2
OMA	113	0	0	1	24	4	0	0	0	0	0	0
PAK	3734	2	0	227	890	1	52	0	0	1	2	12
PAL	0	0	0	0	0	0	0	0	0	0	0	0
QAT	0	0	0	0	0	0	0	0	0	0	0	0
SAA	0	0	0	0	0	0	0	0	0	0	0	0
SOM	1032	0	0	37	113	3	48	0	0	0	0	42
SUD	385	0	0	6	32	46	29	0	0	0	3	14
SYR	570	0	62	3	11	0	18	0	0	0	0	15
TUN	26	0	0	0	1	0	0	0	0	0	0	0
UAE	2	0	0	0	0	0	0	0	0	0	0	0
YEM	1737	0	0	43	114	667	71	0	0	0	0	71
EMR	10507	3	62	434	1707	779	349	0	0	3	8	231

Table 4 (B): Most recent wild contacts in EMRO, 2017 - 2018

Year	Country	Data	
		Count of wild contacts	Date of Most Recent stool collection
2017	Pakistan	2	04-12-17
	Afghanistan	1	21-05-17
2017 Total		3	04-12-17

Table 4 (C): Number and distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2017-2018

YEAR	COUNTRY	PROVINCE	DISTRICT	COUNT	First case	Last case
2017	AFG	HILMAND	NAWZAD	1	16-04-17	16-04-17
	AFG Total				1	16-04-17



Table 5: Laboratory investigation of AFP cases with paralysis onset in 2017 up to Week (04/18) / Ending on : (28/01/2018)

Country	Polio laboratories Sequencing performed by EGY, PAK, TUN, 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	87	1		1	50	35	1												20%	100%	100%	100%	28/01/2018		
Bahrain	PNL Oman																							29/01/2018		
Djibouti	NPL Kenya																							10/04/2017		
Egypt***	RRL Egypt	64			1	12	42	9												5%	100%		100%	24/01/2018		
Iran	NPL Iran	82	1			42	38	1				1								0%	98%	100%	100%	27/01/2018		
Iraq	RRL Egypt	42				18	23	1												2%	100%			25/01/2018		
Jordan	RRL EGYPT	10	1			7	2													0%	100%			28/01/2018		
Kuwait	RRL Kuwait																			0%				21/01/2018		
Lebanon	NPL Jordan	2				2														0%	100%			28/01/2018		
Libya	RRL Tunisia	4				1	3													0%	100%		100%	26/01/2018		
Morocco	NPL Morocco	7					7																	12/01/2018		
Oman	NPL Oman																			0%				29/01/2018		
Pakistan	RRL Pakistan	272			4	48	155	64												6%	100%		100%	28/01/2018		
Palestine & UNRWA		3				2	1													0%	50%		100%	28/01/2018		
Qatar	NPL Oman	1					1																	29/01/2018		
Saudi Arabia	NPL Oman	5					3	2																24/01/2018		
Somalia	NPL Kenya	14				1	7	6												0%	0%		100%	28/01/2018		
Sudan	RRL Egypt	29			1	13	15													13%	100%			28/01/2018		
Syria	RRL Egypt	5				1	4													0%	100%			25/01/2018		
Tunisia	RRL Tunisia	8				3	5													0%	100%		100%	26/01/2018		
U.A.E	NPL Oman																							29/01/2018		
Yemen	RRL Egypt																							24/01/2018		
Total EMR 2018		635	3		6	151	349	125	1			1								4%	98%	100%	100%			
Total EMR 2017		18115	915	98	3552	13471	7	69	21	572	1	10	34 *	683		22	25	2		16%	98%	99%	96%			

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

* In 2017, 41 cVDPV2 were isolated from Syria by other Global Polio Laboratories Network (GPLN)
Syria reported a total of 74 cVDPV2 cases in 2017 out of which 8 were identified by positive contacts

**Advance notification of a new VDPV2 from Tehran, Iran
with date of onset 01/01/2018 pending final classification**

** This indicator reflects surveillance and laboratory activities



Table 6: Environmental isolate by year and type

Country	Status	2015	2016	2017	2018
AFG	NEGATIVE	129	183	273	
	PENDING			2	5
	WILD	20	2	41	3
AFG Total		149	185	316	8
EGY	NEGATIVE	495	528	520	14
	PENDING				21
	VDPV2	3	1		
EGY Total		498	529	520	35
IRN	NEGATIVE			6	2
IRN Total				6	2
JOR	NEGATIVE		2	31	1
	PENDING				1
JOR Total			2	31	2
LEB	NEGATIVE		4	27	
LEB Total			4	27	
PAK	NEGATIVE	347	462	523	14
	PENDING				30
	WILD	79	59	105	5
	WILD & VDPV2	5	3	1	
	VDPV2	8	5	4	
PAK Total		439	529	633	49
SOM	NEGATIVE			19	
	PENDING			14	8
	VDPV2			2	
SOM Total			35	8	
SYR	NEGATIVE			4	
	PENDING			1	2
SYR Total			5	2	
EMR	NEGATIVE	971	1179	1403	31
	PENDING			17	67
	WILD	99	61	146	8
	WILD & VDPV2	5	3	1	0
	VDPV2	11	6	6	0
EMR Total		1086	1249	1573	106

Table 7: Environmental Wild/VDPV isolate by site

Country	COUNTRY	Status	PROVINCE	DISTRICT	Count	First date	Last date		
2017	AFG	WILD	HILMAND	LASHKARGAH	8	26-Apr	26-Dec		
			KABUL	KABUL	1	25-Oct	25-Oct		
			KANDAHAR	KANDAHAR	18	26-Jan	27-Dec		
			KUNAR	ASADABAD	1	25-Dec	25-Dec		
			NANGARHAR	BEHSUD	3	24-Sep	26-Dec		
				JALALABAD	10	24-Jan	26-Dec		
	AFG Total				41	24-Jan	27-Dec		
	PAK	WILD	BALOCHISTAN	KABDULLAH	KABDULLAH	12	1-Jan	15-Oct	
				LORALAI	LORALAI	3	17-Sep	17-Nov	
				PISHIN	PISHIN	5	2-Jan	2-Oct	
				QUETTA	QUETTA	12	1-Jan	20-Dec	
				ZHOB	ZHOB	1	18-Dec	18-Dec	
					ISLAMABAD	CDA	5	10-Feb	10-Jul
					KHYBER PAKHTUNKHWA	PESHAWAR	8	10-Jan	11-Dec
					PUNJAB	LAHORE	1	18-Dec	18-Dec
						MULTAN	1	9-Jan	9-Jan
						RAWALPINDI	8	10-Jan	10-Oct
						JACOBABAD	4	11-Aug	13-Dec
						KAMBAR	1	15-Aug	15-Aug
						KHIBALDIA	2	8-Aug	3-Nov
					KHIGADAP	21	9-Jan	12-Dec	
					KHIGIQBAL	6	3-Feb	10-Oct	
		KHIKORANGI	1	16-Oct	16-Oct				
		KHILANDHI	7	16-Mar	14-Dec				
		KHISITE	5	7-Aug	4-Dec				
		SUKKUR	2	11-Apr	19-Sep				
	WILD & VDPV2	BALOCHISTAN	KABDULLAH	1	15-Jul	15-Jul			
	VDPV2	BALOCHISTAN	PISHIN	1	2-May	2-May			
			QUETTA	3	3-Apr	29-May			
PAK Total				110	1-Jan	20-Dec			
SOM	VDPV2	BANADIR	WABERI	2	22-Oct	2-Nov			
SOM Total				2	22-Oct	2-Nov			
2017 Total				153	1-Jan	27-Dec			
2018	AFG	WILD	HILMAND	LASHKARGAH	1	8-Jan	8-Jan		
			KANDAHAR	KANDAHAR	2	8-Jan	8-Jan		
	AFG Total				3	8-Jan	8-Jan		
	PAK	WILD	BALOCHISTAN	KABDULLAH	KABDULLAH	1	1-Jan	1-Jan	
				KHYBER PAKHTUNKHWA	KOHAT	1	5-Jan	5-Jan	
				PESHAWAR	PESHAWAR	1	10-Jan	10-Jan	
				KHILANDHI	1	10-Jan	10-Jan		
			KHISITE	1	1-Jan	1-Jan			
PAK Total				5	1-Jan	10-Jan			
2018 Total				8	1-Jan	10-Jan			



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2018 - 28/01/2018

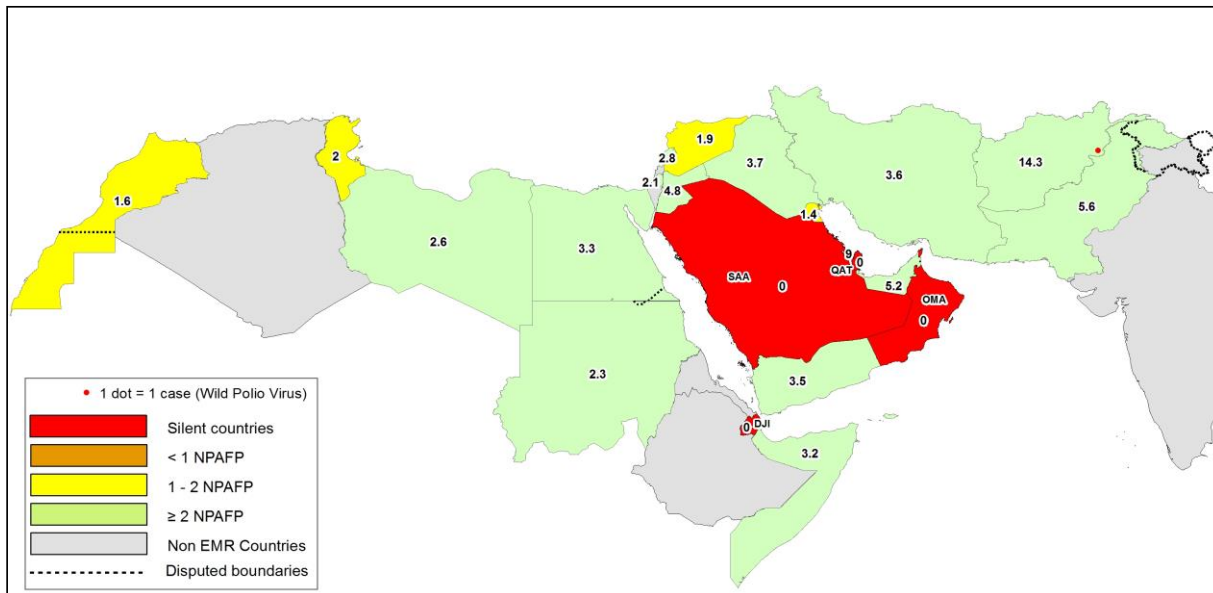


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2018 - 28/01/2018

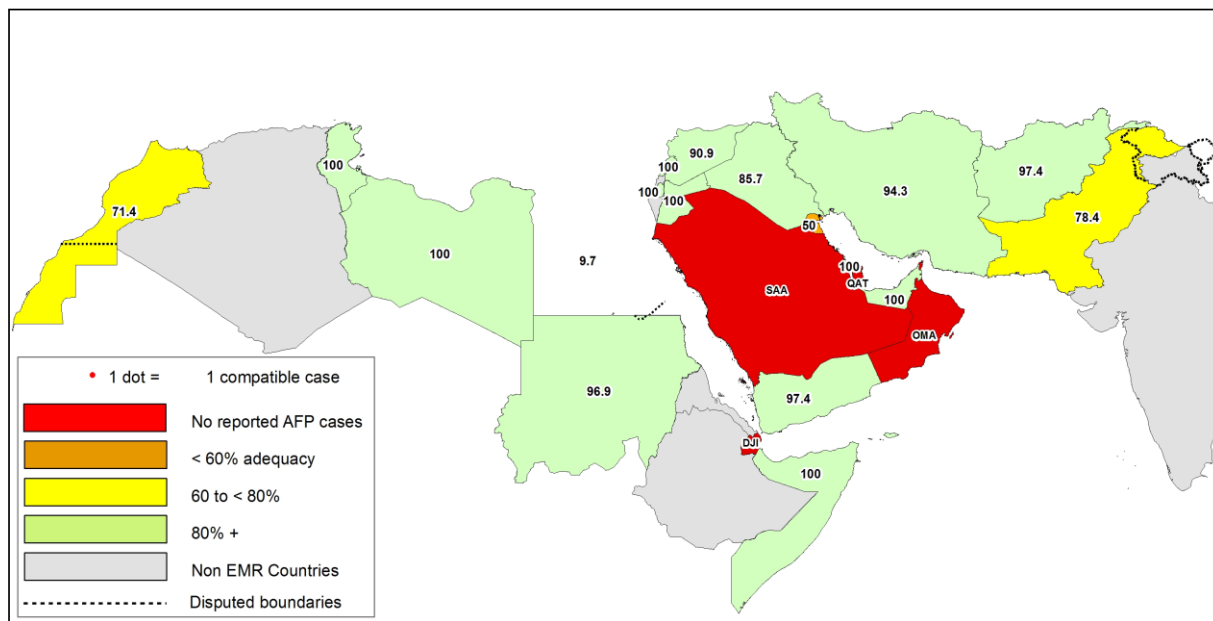


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2017 - 2018

Year	COUNTRY	Count	First Case	Last Case
2018	AFG	1	1/1/2018	1/1/2018
2018 Total		1	1/1/2018	1/1/2018
2017	AFG	14	1/13/2017	12/28/2017
	PAK	8	1/28/2017	11/15/2017
2017 Total		22	1/13/2017	12/28/2017

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



Figure 3: Non Polio AFP rate by Province in Afghanistan & by District in Pakistan 01/01/2018 - 28/01/2018

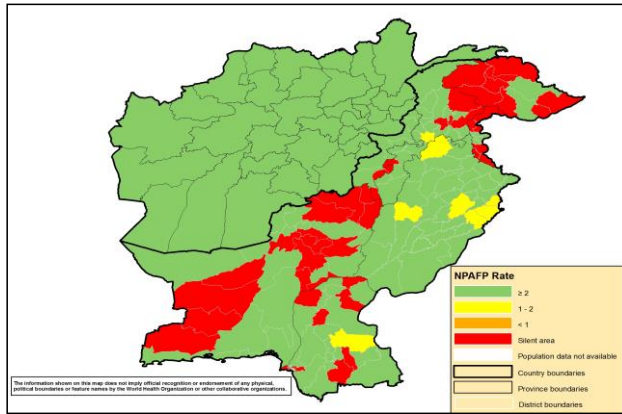


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan by Province & Pakistan by District 01/01/2018 - 28/01/2018

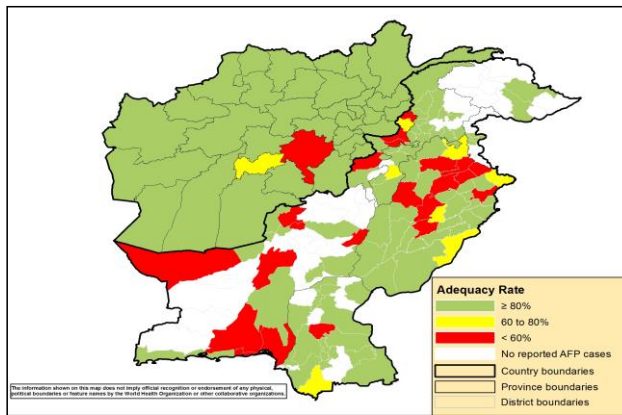
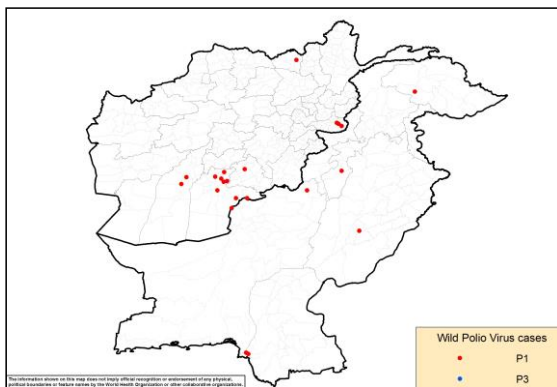


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

5a: 01/01/2017 - 31/12/2017



5b: 01/01/2018 - 28/01/2018

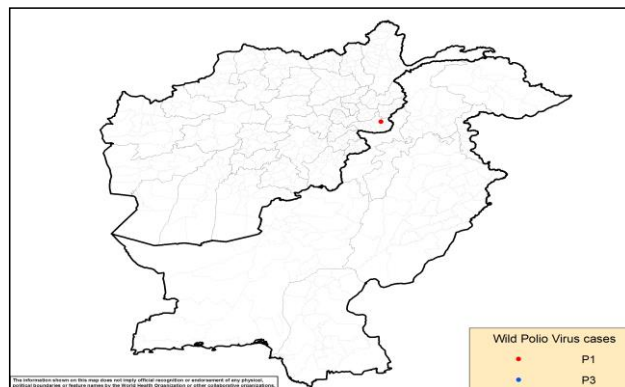




Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2017-2018

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2018	NANGARHAR	KAMA	1	1/1/2018	1/1/2018
2018 Total			1	1/1/2018	1/1/2018
2017	KANDAHAR	SPINBOLDAK	1	12/28/2017	12/28/2017
		SHAHWALIKOT	5	6/19/2017	12/3/2017
		KANDAHAR	1	1/13/2017	1/13/2017
	NANGARHAR	MUHMAND DARA	1	11/5/2017	11/5/2017
		BATIKOT	2	9/15/2017	10/11/2017
	ZABUL	ARGHANDAB (Z)	1	7/10/2017	7/10/2017
	HILMAND	NAWZAD	1	4/16/2017	4/16/2017
		NAHR-E-SARAJ	1	1/21/2017	1/21/2017
KUNDUZ	DASHT-E-ARCHI	1	2/21/2017	2/21/2017	
2017 Total			14	1/13/2017	12/28/2017

Table 10: Wild Polio cases by district and date of onset of paralysis, Pakistan 2017-2018

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2017	BALOCHISTAN	ZHOB	1	15-11-17	15-11-17
		KABDULAH	2	11-06-17	13-11-17
	SINDH	KHIGADAP	1	09-11-17	09-11-17
		KHIGIQBAL	1	11-08-17	11-08-17
	KHYBER PAKHTOON	LAKKIMRWT	1	21-08-17	21-08-17
	GILGIT BALTISTAN	DIAMER	1	13-02-17	13-02-17
	PUNJAB	LODHRAN	1	28-01-17	28-01-17
2017 Total			8	28-01-17	15-11-17

Table 11: Circulating VDPV cases and date of onset of paralysis in EMR countries by districts 2017-2018

Year	COUNTRY	PROVINCE	DISTRICT	Count	First Case	Last Case
2017	SYR	HOMS	TADMOUR	1	10-07-17	10-07-17
		DEIR_AL_ZOUR	DEIR ALZOUR	1	30-06-17	30-06-17
		DEIR_AL_ZOUR	BOKAMAL	12	25-06-17	21-09-17
		DEIR_AL_ZOUR	MAYADEEN	58	05-03-17	09-09-17
		RAQUA	THAWRA	1	16-06-17	16-06-17
		RAQUA	TALABYAD	1	25-04-17	25-04-17
	SYR Total			74	05-03-17	21-09-17
2017 Total				74	05-03-17	21-09-17



Table 12: VDPV2 and Sabin Like 2 isolates, EMRO countries 2017 - 2018

Country	Source	Poliovirus type 2 by month														2018	
		2017														2018	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	2018		
V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2
AFG	AFP																
	Contact																
	Others*		1														
BAH	AFP																
	Contact																
	Others*																
DJI	AFP																
	Contact																
	Others*																
EGY	AFP		1														
	Contact																
	Others*																
IRN	AFP																1
	Contact																
	Others*																
IRQ	AFP			1													
	Contact																
	Others*																
JOR	AFP																
	Contact																
	Others*																
KWT	AFP																
	Contact																
	Others*																
LEB	AFP																
	Contact																
	Others*																
LIB	AFP																
	Contact																
	Others*																
MOR	AFP																
	Contact																
	Others*																
OMA	AFP																
	Contact																
	Others*																
PAK	AFP	1		5	1						1						
	Contact		1	1	2												
	ENV	5	9	11	1	10	3	6	3	1	1	2					
	Others*					2											
PNA	AFP																
	Contact																
	Others*																
QAT	AFP																
	Contact																
	Others*																
SAA	AFP																
	Contact																
	Others*																
SUD	AFP																
	Contact																
	Others*																
SOM	AFP																
	Contact																
	ENV												1		1		
	Others*																
SYR	AFP			2	4	15	12	8	22	2	3						
	Contact				2	1	17	11	7	22	5	1					
	Others*							2	2	1							
TUN	AFP																
	Contact																
	Others*																
UAE	AFP																
	Contact																
	Others*																
YEM	AFP																
	Contact																
	Others*																
EMR	AFP	1	1	1	2	5	4	1	15		12	8	22	3	3		1
	Contact			1	2	2	17		11		7	22	5	1			
	ENV	6		9	11	1	10	3	6	3	1	1	2		1		1
	Others*						2				2	2	1			1	

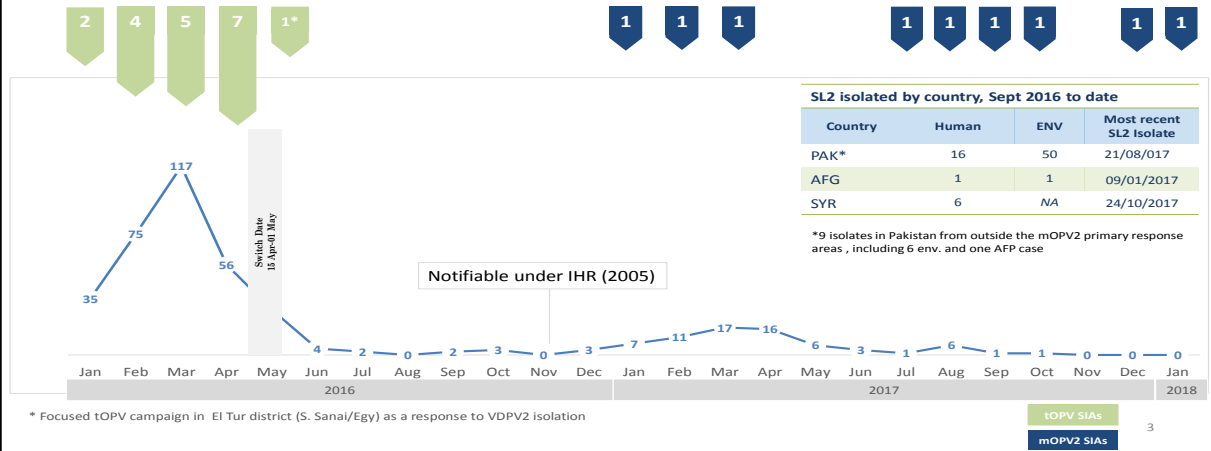
VDPV2

*Other: Healthy children, PIDs

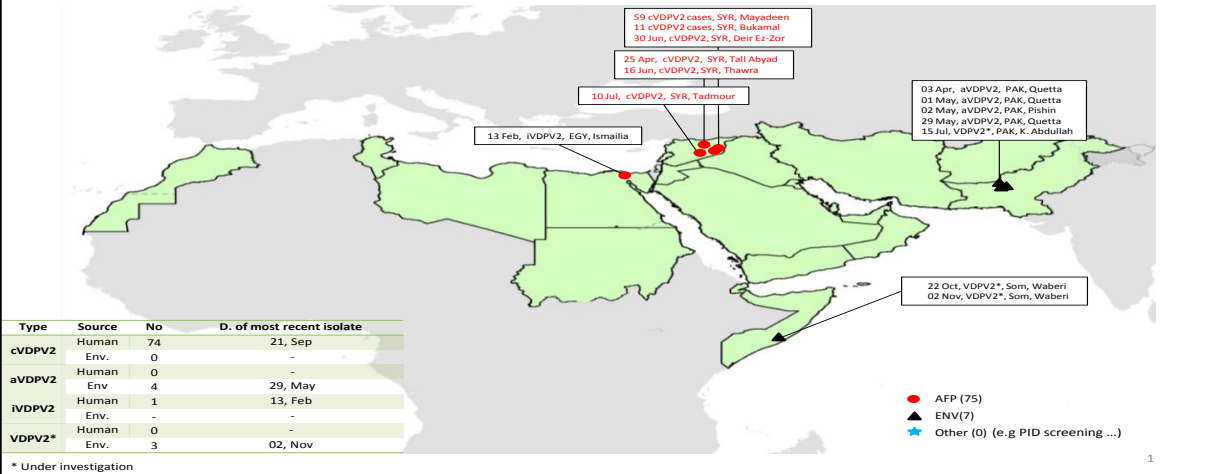
** VDPV2 isolated from index and contact at the same time



Sabin Like Type-2 Poliovirus Isolates (H & E) EMR, 2016-2018



VDPV2 isolates, EMR countries, 2017



VDPV2 isolates, EMR countries, 2018

