



AFP SURVEILLANCE

18-Apr-17

Week 15, ending 16 April 2017

Number 967

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

Country	Reported AFP cases by week of onset - Week (15/17) / Ending on : 16/04/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	W04 29 Jan 17	W05 05 Feb 17	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
Afghanistan	2738	2905	818	66	51	67	68	57	77	41	49	64	67	47	8
Bahrain	19	14	8	0	0	2	0	1	2	0	0	0	1	2	0
Djibouti	3	3	4	1	0	0	1	0	1	0	1	0	0	0	0
Egypt	1046	1092	372	23	28	22	36	25	26	20	28	26	26	27	11
Iran	780	776	165	11	16	20	14	8	14	10	5	8	10	2	0
Iraq	520	605	174	12	9	14	13	11	13	12	14	11	6	6	
Jordan ****	90	107	30	2	1	2	1	3	2	2	2	2	1	3	1
Kuwait	32	50	22	2	1	0	1	0	0	0	7	2	2	2	1
Lebanon ****	113	111	28	4	0	3	4	4	2	2	1	1	1	0	
Libya	54	70	29	2	0	2	3	1	2	2	0	3	4	0	
Morocco	79	83	28	2	2	3	2	3	4	5	1	2			
Oman	39	39	7	0	0	1	2	1	1	0	0	0	2	0	0
Pakistan	5814	7844	2267	145	178	183	204	183	191	171	171	133	111	28	0
Palestine ****	38	46	9	1	0	1	2	0	0	1	0	0	0	0	
Qatar	11	9	5	0	1	3	0	1	0	0	0	0	0	0	
Saudi Arabia	254	273	62	5	10	7	3	4	2	6	5	1	0	0	0
Somalia	281	316	109	6	2	8	9	11	7	12	8	9	6	5	1
Sudan	436	509	129	14	9	7	11	8	5	16	7	14	4	0	
Syria ****	235	303	72	5	5	8	3	9	5	5	6	5	6	1	
Tunisia	64	90	12	2	0	2	3	0	1	1	0	1	0		
U.A.E	31	42	17	2	2	1	0	3	2	3	0	1	1	0	0
Yemen	537	715	216	13	7	17	12	17	25	19	16	16	11	10	
Total EMR	13214	16002	4583	318	322	373	392	350	382	328	321	299	259	133	22

☐ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	16/04		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		
Bahrain	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				
Egypt	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			
Jordan ****	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		
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		
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pakistan	54	20	9	2	0	2	1	0	2	2	1	1	1	1		
Palestine ****	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		
Saudi Arabia	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		
Sudan	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		
Tunisia	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				
Yemen	0	0	0	0	0	0	0	0	0	0	0	0				
Total EMR	74	33	14	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 (15/17) / Ending on : 16/04/2017

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	Wild P1 Poliovirus	Wild P3 Poliovirus			
		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	818	3	0	242	573	0	13.6	6	1	93.6	3	0	16/04/2017		
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	8	0	0	8	0	0	9.5	0	0	100.0	0	0	16/04/2017		
Djibouti	3	0	0	0	3	0	1.0	0	0	33.3	0	0	4	0	0	4	0	0	4.6	0	0	100.0	0	0	10/04/2017		
Egypt	1092	0	0	1	1091	0	2.9	1	0	94.1	0	0	372	0	0	116	255	0	3.4	0	0	89.2	0	0	13/04/2017		
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	165	0	0	12	153	0	3.0	0	0	99.4	0	0	16/04/2017		
Iraq	605	0	0	6	598	1	4.2	6	1	80.7	0	0	174	0	0	34	140	0	4.0	4	0	89.1	0	0	13/04/2017		
Jordan	107	0	0	3	104	0	3.8	3	0	100.0	0	0	30	0	0	22	8	0	3.7	2	0	96.7	0	0	13/04/2017		
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	22	0	0	10	12	0	8.7	1	0	68.2	0	0	16/04/2017		
Lebanon	111	0	0	8	103	0	5.8	8	0	82.9	0	0	28	0	0	2	26	0	5.1	0	0	89.3	0	0	13/04/2017		
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	29	0	0	10	19	0	4.7	1	0	93.1	0	0	15/04/2017		
Morocco	83	0	0	0	83	0	0.8	0	0	61.4	0	0	28	0	0	12	16	0	0.9	1	0	78.6	0	0	31/03/2017		
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	7	0	0	4	3	0	2.4	0	0	85.7	0	0	16/04/2017		
Pakistan	7844	20	5	25	7792	2	10.0	25	11	87.4	20	0	2267	2	0	376	1889	0	10.0	26	0	90.5	2	0	16/04/2017		
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	9	0	0	6	3	0	1.6	1	0	100.0	0	0	09/04/2017		
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	5	0	0	5	0	0	5.8	0	0	80.0	0	0	09/04/2017		
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	97.8	0	0	62	0	0	62	0	0	2.2	12	11	98.4	0	0	16/04/2017		
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	109	0	0	20	89	0	6.5	0	0	97.2	0	0	16/04/2017		
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	129	0	0	20	109	0	2.5	0	0	99.2	0	0	09/04/2017		
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	72	0	0	19	53	0	3.2	0	0	88.9	0	0	15/04/2017		
Tunisia	90	0	0	0	89	1	3.4	0	0	77.8	0	0	12	0	0	5	7	0	1.6	1	1	83.3	0	0	07/04/2017		
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	17	0	0	7	10	0	5.8	0	0	94.1	0	0	16/04/2017		
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	216	0	0	126	90	0	5.4	1	0	92.6	0	0	15/04/2017		
EMR	16002	33	5	43	15913	8	6.4	43	12	89.8	33	0	4583	5	0	1122	3455	0	6.3	56	13	91.7	5	0			
2015	13214	74	15	1	13116	8	5.2	1	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): Most recent wild contacts in EMRO, 01/01/2016 - 16/04/2017

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 (b): 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	NAWZAD	1	23-01-16	23-01-16
		PAKTIKA	BERMEL	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	BADIN	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 (15/17) / Ending on : (16/04/2017)

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	VPV	Wild	Sabin	VPV	Wild	Sabin	VPV									
Afghanistan	RRL Pakistan	783	55	5	85	500	123	15	3	44						45			1			12%	100%	98%	98%	15/04/2017
Bahrain	PNL Oman	5				5																0%	100%		100%	18/04/2017
Djibouti	NPL Kenya	4						4																		10/04/2017
Egypt***	RRL Egypt	348	4	1	36	265	41	1		2			1		1				2			9%	100%	100%	100%	16/04/2017
Iran	NPL Iran	174	3		2	148	20	1		2					2							1%	98%	100%	100%	15/04/2017
Iraq	RRL Egypt	175	16		17	127	11	4		10					12							10%	100%	100%	100%	13/04/2017
Jordan	RRL Tunisia	29	1		2	24	2								1						1	9%	100%	100%	100%	16/04/2017
Kuwait	RRL Kuwait	18			1	11		6														4%	83%		100%	06/04/2017
Lebanon	NPL Jordan	26	1		3	22																13%	100%		100%	16/04/2017
Libya	RRL Tunisia	11				9		2														0%	100%		100%	24/02/2017
Morocco	RRL Tunisia	24			1	21		2														4%	100%		100%	07/04/2017
Oman	NPL Oman	7			3	3	1															24%	100%		100%	18/04/2017
Pakistan	RRL Pakistan	2363	139	5	284	1673	249	13	2	82			3		97				1			11%	100%	100%	98%	15/04/2017
Palestine & UNRWA		9			4	5																44%	13%		100%	09/04/2017
Qatar	NPL Oman	5				5																0%	100%		100%	18/04/2017
Saudi Arabia	NPL Oman	69			12	48		9														14%	95%		100%	09/04/2017
Somalia	NPL Kenya	109	10	2	10	67	9	11		8					10							13%	31%		100%	16/04/2017
Sudan	RRL Egypt	134	2		13	104	13	2		1												10%	100%	100%	100%	16/04/2017
Syria	RRL Egypt	72	2			55	11	4		1					2							0%	100%	100%	100%	13/04/2017
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%	18/04/2017
Yemen	RRL Egypt	204	2	2	10	75	115			2					3				2			13%	99%	100%	30%	16/04/2017
Total EMR 2017		4591	236	15	485	3180	597	78	5	153			3	1	174				6		1	11%	98%	100%	97%	
Total EMR 2016		15751	823	93	2779	12036		17	28	482			86	6	566	1			2	23	3	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	69
	PENDING								11
	WILD					17	20	2	2
AFG Total					9	95	149	185	82
EGY	NEGATIVE	183	178	196	304	410	412	528	134
	PENDING								20
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
EGY Total		183	178	206	307	413	415	529	154
JOR	NEGATIVE							2	9
	PENDING								
JOR Total								2	9
LEB	NEGATIVE							4	6
	PENDING								
LEB Total								3	6
PAK	NEGATIVE	77	68	151	257	237	347	462	124
	PENDING								42
	WILD	79	136	88	63	125	79	59	23
	WILD & VDPV2				2	6	5	3	
	VDPV2					4	8	5	
PAK Total		156	204	239	322	372	439	529	189
EMR	NEGATIVE	260	246	347	570	725	888	1179	342
	PENDING								73
	WILD	79	136	90	63	142	99	61	25
	WILD & VDPV2				2	6	5	3	
	VDPV1			1		1			
VDPV2			7	3	6	11	6		
EMR Total		339	382	445	638	880	1003	1248	440

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	
2016	EGY	VDPV2	SOUTH SINIA	EL TUR	1	15-Mar	15-Mar	
			EGY Total				1	15-Mar
2016	PAK	WILD1	BALOCHISTAN	KABDULLAH	6	15-Jan	2-Dec	
				PISHIN	4	2-Aug	16-Sep	
				QUETTA	11	12-Feb	20-Nov	
			KHYBER PAKHTUNKHWA	DIKHAN	1	16-Jul	16-Jul	
				PESHAWAR	10	11-Jan	10-Dec	
				DERA GHAZI KHA	1	12-May	12-May	
			PUNJAB	FAISALABAD	2	3-Feb	2-Jul	
				LAHORE	3	5-Aug	18-Oct	
				MULTAN	2	8-Nov	8-Dec	
			SINDH	RAWALPINDI	4	14-Apr	10-Dec	
				HYDERABAD	1	5-Jan	5-Jan	
				JACOBABAD	3	4-Feb	16-Aug	
				KHIBALDIA	1	14-Jul	14-Jul	
				KHIGADAP	4	27-Jan	9-Mar	
				KHIGIQBAL	2	18-Jan	15-Mar	
WILD1+VDPV2	KHILANDHI	1	14-Dec	14-Dec				
	SUKKUR	3	12-Jan	19-Mar				
	QUETTA	3	20-Oct	12-Dec				
VDPV2	BALOCHISTAN	4	20-Jun	28-Dec				
	SINDH	1	11-Jul	11-Jul				
PAK Total					67	5-Jan	28-Dec	
2016 Total					70	5-Jan	28-Dec	
2017	AFG	WILD1	KANDAHAR	KANDAHAR	1	26-Jan	26-Jan	
			NANGARHAR	JALALABAD	1	24-Jan	24-Jan	
AFG Total					2	24-Jan	26-Jan	
2017	PAK	WILD1	BALOCHISTAN	KABDULLAH	5	1-Jan	1-Mar	
				PISHIN	3	2-Jan	2-Mar	
				QUETTA	4	1-Jan	12-Feb	
			ISLAMABAD	2	10-Feb	11-Mar		
			KHYBER PAKHTUNKHWA	PESHAWAR	2	10-Jan	10-Feb	
				PUNJAB	MULTAN	1	9-Jan	9-Jan
					RAWALPINDI	2	10-Jan	10-Feb
			SINDH	KHIGADAP	3	9-Jan	9-Mar	
				KHIGIQBAL	1	3-Feb	3-Feb	
PAK Total					23	1-Jan	11-Mar	
2017 Total					25	1-Jan	11-Mar	

Advance notification of a new wild poliovirus 1 isolation in Karachi Sohrab Goth, KHIGADAP Site, EPID# PAK/SD/KHI/GP-2/17/003



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 16/04/2017

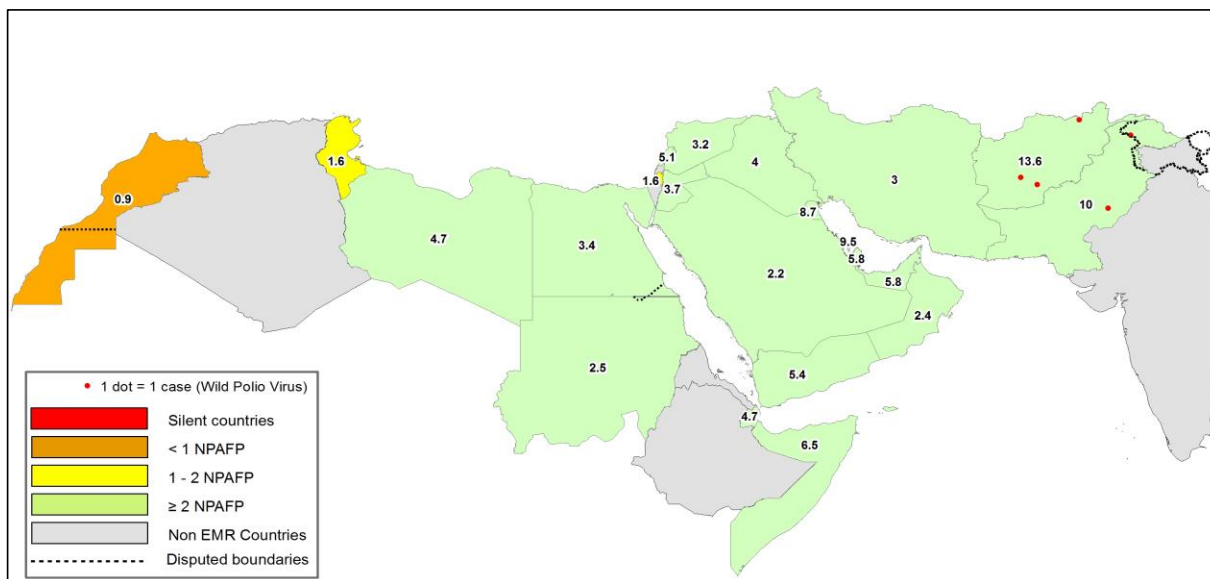


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 16/04/2017

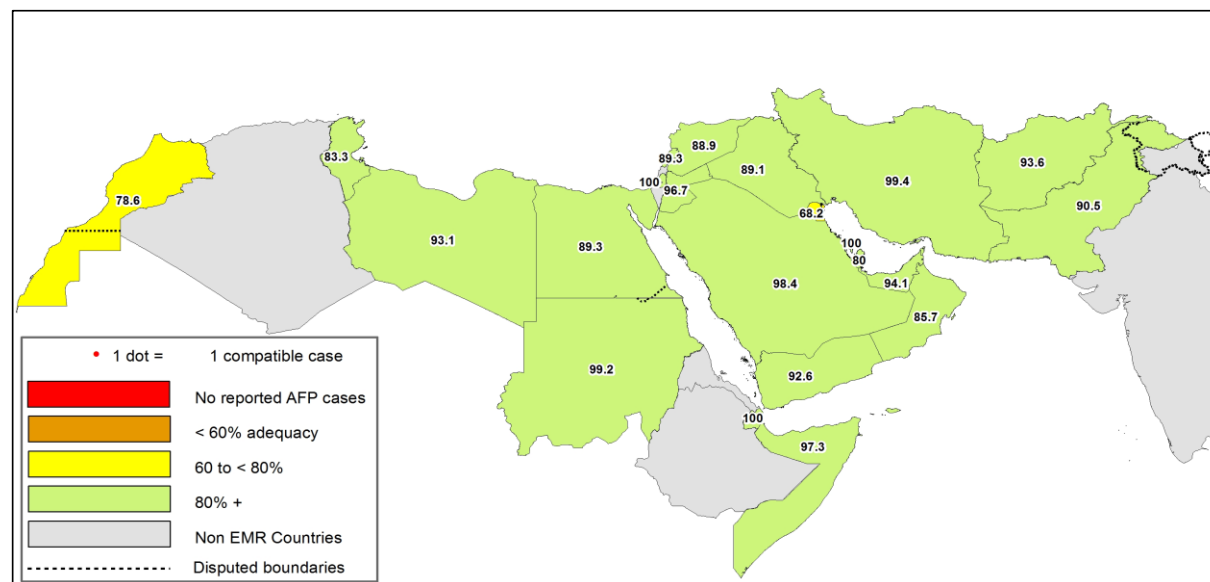


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017

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 - 16/04/2017

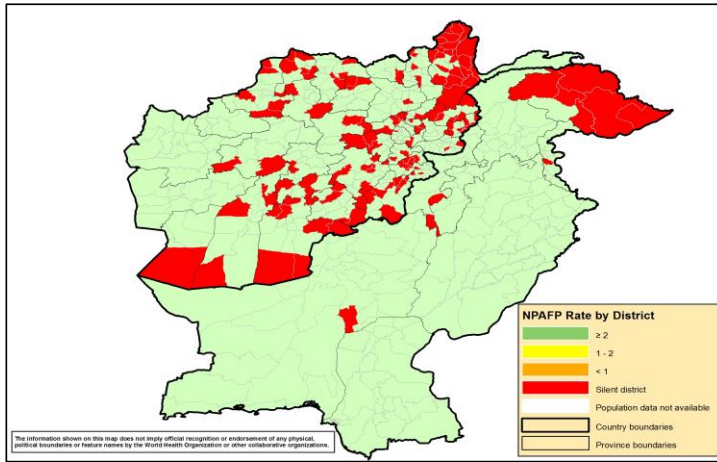


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2017 - 16/04/2017

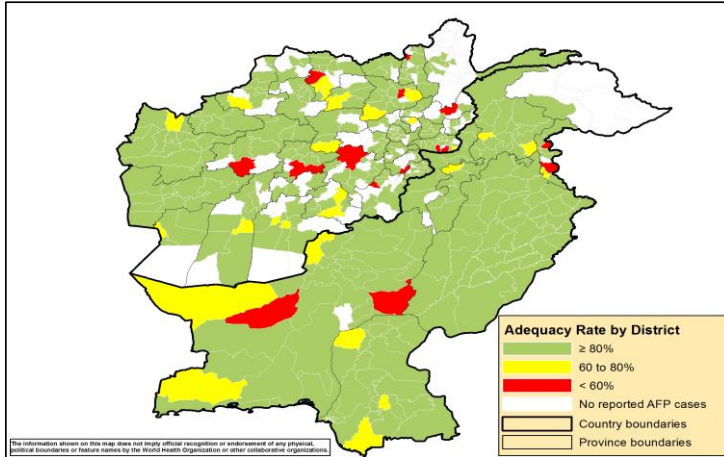
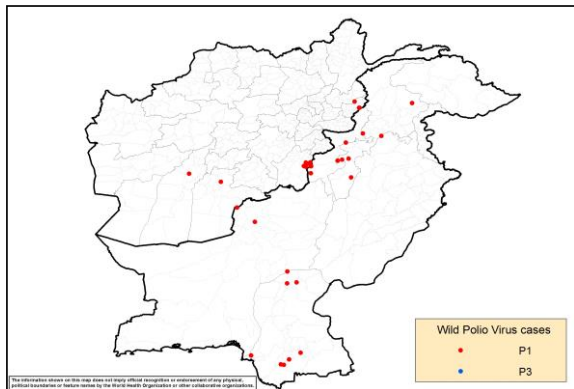


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

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



5b: 01/01/2017 - 16/04/2017

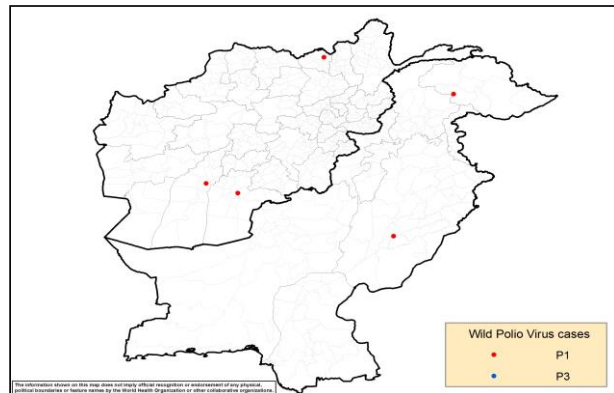




Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2016-2017

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
	KANDAHAR	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
	KANDAHAR	KANDAHAR	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	BALUCHISTAN	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

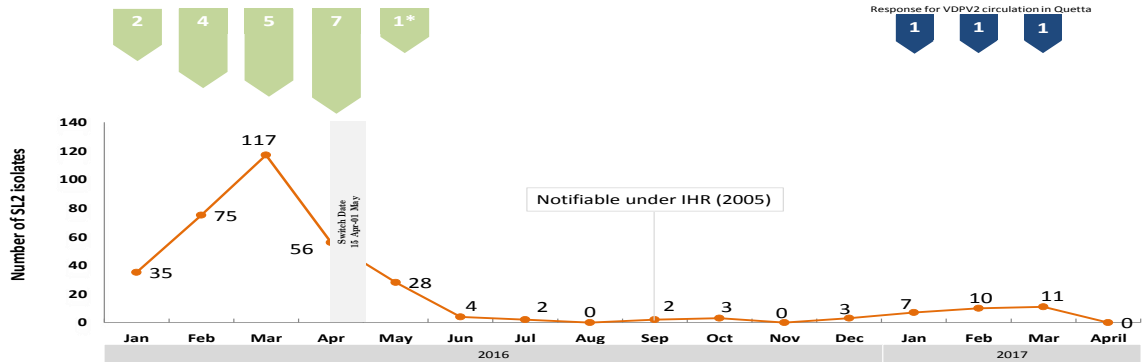
Table 12: VDPV2 and Sabin Like 2 isolates, EMRO countries 2016 - 2017

Country	Source	2016																								2017							
		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr	
		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	VDPV2	SL2	VDPV2	SL2		
AFG	AFP		1		2		11		3		1						1	1															
AFG	Contact		1				6		2		1																						
AFG	ENV		3		2		11																								1		
BAH	AFP																																
BAH	Contact																																
BAH	ENV																																
DJI	AFP																																
DJI	Contact																																
DJI	ENV																																
EGY	AFP		1		4		1				1																				1		
EGY	Contact						3																										
EGY	ENV		9		19		1		20		5		8																				
IRA	AFP										1																				1		
IRA	Contact																																
IRA	ENV																																
IRQ	AFP		2	1	1		5		1																						1		
IRQ	Contact		3		1		7		9																								
IRQ	ENV																																
JOR	AFP																																
JOR	Contact																																
JOR	ENV																																
KWT	AFP																																
KWT	Contact																																
KWT	ENV																																
LEB	AFP																																
LEB	Contact																																
LEB	ENV																																
LIB	AFP																																
LIB	Contact																																
LIB	ENV																																
MOR	AFP																																
MOR	Contact																																
MOR	ENV																																
OMA	AFP																																
OMA	Contact					1																											
OMA	ENV																																
PAK	AFP		7		7		16				3							1									1	2			2		
PAK	Contact					1		7		5		1																			1		
PAK	ENV		7		32		27		27		9		1	3	1	1			1	1	1	2	1		3			5		1	8		
PAL	AFP																																
PAL	Contact																																
PAL	ENV																																
QAT	AFP																																
QAT	Contact																																
QAT	ENV																																
SAA	AFP																																
SAA	Contact																																
SAA	ENV																																
SUD	AFP																																
SUD	Contact																																
SUD	ENV																																
SOM	AFP				1		6		1			1		1																			
SOM	Contact																																
SOM	ENV																																
SYR	AFP									1																							
SYR	Contact																																
SYR	ENV																																
TUN	AFP																																
TUN	Contact																																
TUN	ENV																																
UAE	AFP																																
UAE	Contact																																
UAE	ENV																																
YEM	AFP		1						1		1																						
YEM	Contact									2		1																					
YEM	ENV																																
EMR	AFP		12	1	15		39		6		8		1		1			2	1	1	1	1	1	1	3		1	1		2			
EMR	Contact		4		7		20		18		3		1																		1		
EMR	ENV		19		53	1	58		32		17	2	3		1			1	1	1	2	1	1	3		6	9		8	4			
	VDPV2																																

* VDPV2 isolated from index and contact at the same time



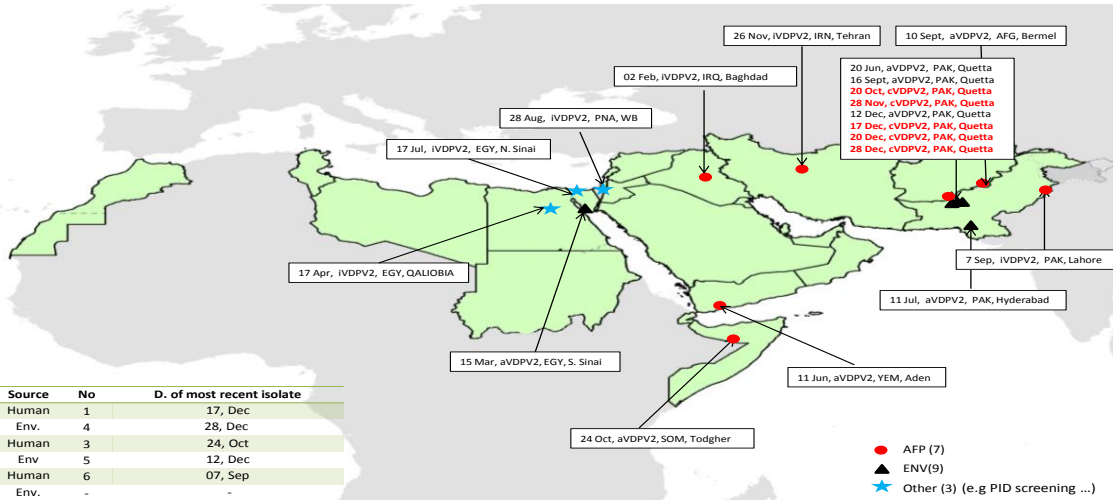
SL2 isolates, EMR countries from Human & ENV 2016/17



* Focused tOPV campaign in El Tur district (S. Sinai/Egy) as a response to VDPV2 isolation

1OPV SIAs
 mOPV2 SIAs 17 April 2017

VDPV2 isolates, EMR countries, 2016

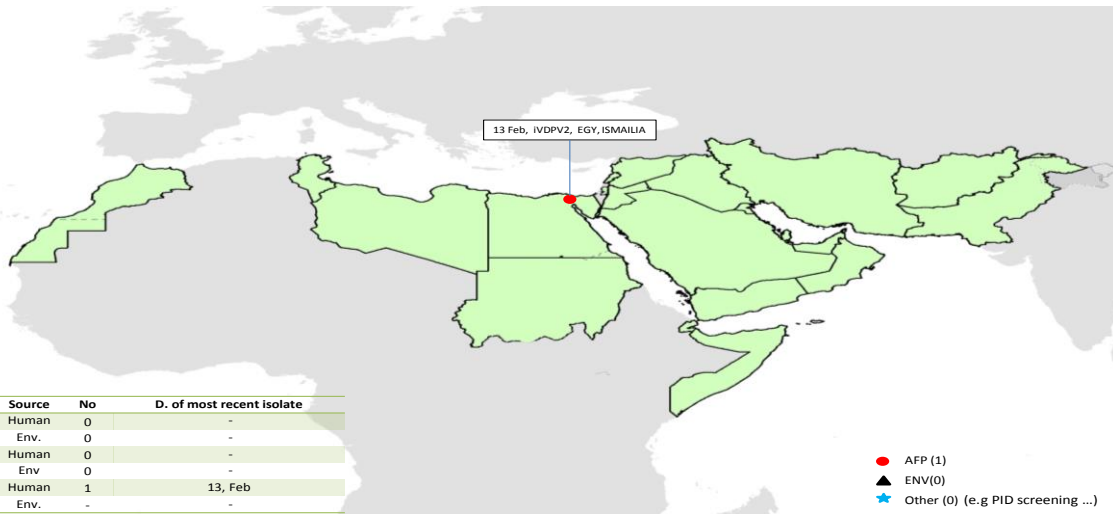


Type	Source	No	D. of most recent isolate
cVDPV	Human	1	17, Dec
	Env.	4	28, Dec
aVDPV	Human	3	24, Oct
	Env.	5	12, Dec
IVDPV	Human	6	07, Sep
	Env.	-	-

● AFP (7)
 ▲ ENV(9)
 ★ Other (3) (e.g PID screening ...)

17 April 2017

VDPV2 isolates, EMR countries, 2017



Type	Source	No	D. of most recent isolate
cVDPV	Human	0	-
	Env.	0	-
aVDPV	Human	0	-
	Env.	0	-
IVDPV	Human	1	13, Feb
	Env.	-	-

● AFP (1)
 ▲ ENV(0)
 ★ Other (0) (e.g PID screening ...)

17 April 2017