



AFP SURVEILLANCE

27-Nov-17

Week 47, ending 26 November 2017

Number 999

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

Country	Reported AFP cases by week of onset - Week (47/17) / Ending on : 26/11/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	W36 10 Sep 17	W37 17 Sep 17	W38 24 Sep 17	W39 01 Oct 17	W40 08 Oct 17	W41 15 Oct 17	W42 22 Oct 17	W43 29 Oct 17	W44 05 Nov 17	W45 12 Nov 17	W46 19 Nov 17	W47 26 Nov 17
Afghanistan	2738	2905	2665	55	62	49	48	51	55	61	49	61	48	17	
Bahrain	19	14	15	0	1	0	1	1	0	0	0	0	0	0	
Djibouti	3	3	4												
Egypt	1046	1092	1111	21	26	15	23	31	24	17	15	24	23	22	4
Iran	780	776	686	14	15	13	16	17	22	14	20	15	4	2	
Iraq	520	605	591	12	15	10	11	20	15	19	5	8	13	1	
Jordan ****	90	107	95	0	6	4	3	4	4	2	0	2	1		
Kuwait	32	50	56	1	0	1	0	0	1	4	2	1	5	2	
Lebanon ****	113	111	71	1	1	1	0	1	0	1	2	1	2	1	
Libya	54	70	80	1	2	3	0	1	2	3	2	4	0	3	
Morocco	79	84	117	0	2	1	2	6	3	3	5	3	5		
Oman	39	39	33	0	0	1	1	1	1	2	4	2	1	0	0
Pakistan	5815	7848	8400	213	224	189	187	212	167	164	164	105	52	12	0
Palestine ****	38	46	34	1	1	2	0	2	2	1	0	1	1	0	
Qatar	11	9	16	0	0	0	0	0	1	0	1	1	1	0	0
Saudi Arabia	254	273	180	3	3	5	1	4	0	0	0	0	0	0	
Somalia	281	316	315	8	10	4	5	6	3	4	6	11	4	0	
Sudan	436	509	497	15	14	14	12	10	21	13	11	13	10	4	0
Syria ****	235	303	320	7	0	7	8	4	5	5	4	4	3	4	
Tunisia	64	90	54	2	0	2	2	2	0	0	2	1	0	0	
U.A.E	31	42	49	0	1	0	1	2	3	2	5	2	0	0	
Yemen	537	715	622	15	15	14	10	16	22	15	13	13	18	7	
<b>Total EMR</b>	<b>13215</b>	<b>16007</b>	<b>16011</b>	<b>369</b>	<b>398</b>	<b>335</b>	<b>331</b>	<b>391</b>	<b>351</b>	<b>330</b>	<b>310</b>	<b>272</b>	<b>191</b>	<b>75</b>	<b>4</b>

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	26/11		Confirmed polio cases by month of onset											
			2016	2017	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017
Afghanistan	20	13	12	11	1	2	1	0	1	0	1	1		1	3	1
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Djibouti	0	0	0	0	0											
Egypt	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		
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	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	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	19	5	1	1	1	0			1		2			
Palestine ****	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	
Saudi Arabia	0	0	0	0	0	0	0									
Somalia	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						
Tunisia	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						
<b>Total EMR</b>	<b>74</b>	<b>33</b>	<b>31</b>	<b>16</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>

\*\*\*\* 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 (47/17) / Ending on : 26/11/2017

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	2665	11	0	158	2496	0	14.3	15	3	93.8	11	0	23-11-2017
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	15	0	0	2	13	0	5.7	0	0	100.0	0	0	23-11-2017
Djibouti	3	0	0	0	3	0	1.0	0	0	33.3	0	0	4	0	0	4	0	0	1.5	4	4	100.0	0	0	10-04-2017
Egypt	1092	0	0	0	1092	0	2.9	0	0	94.1	0	0	1111	0	0	122	988	1	3.3	1	0	91.9	0	0	23-11-2017
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	686	0	0	12	674	0	4.0	0	0	97.5	0	0	25-11-2017
Iraq	605	0	0	0	604	1	4.2	0	0	80.7	0	0	591	0	0	61	530	0	4.4	17	1	86.1	0	0	25-11-2017
Jordan	107	0	0	0	107	0	3.8	0	0	100.0	0	0	95	0	0	32	63	0	3.8	6	0	100.0	0	0	16-11-2017
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	56	0	0	8	48	0	7.1	0	0	91.1	0	0	19-11-2017
Lebanon	111	0	0	0	111	0	5.8	0	0	82.9	0	0	71	0	0	12	59	0	4.2	7	0	76.1	0	0	25-11-2017
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	80	0	0	10	70	0	4.3	3	3	96.3	0	0	25-11-2017
Morocco	84	0	0	0	84	0	0.8	0	0	61.9	0	0	117	0	0	45	72	0	1.2	24	0	64.1	0	0	17-11-2017
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	33	0	0	8	25	0	4.1	0	0	84.8	0	0	26-11-2017
Pakistan	7848	20	5	0	7821	2	10.0	0	0	87.3	20	0	8400	5	0	410	7985	0	11.9	128	16	87.7	5	0	26-11-2017
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	34	0	0	10	24	0	2.0	0	0	100.0	0	0	23-11-2017
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	16	0	0	4	12	0	6.0	0	0	93.8	0	0	26-11-2017
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	98.2	0	0	180	0	0	108	72	0	2.1	92	88	97.2	0	0	19-11-2017
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	315	0	0	20	295	0	6.0	1	1	99.0	0	0	19-11-2017
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	497	0	0	19	478	0	3.1	0	0	97.6	0	0	26-11-2017
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	320	0	1	24	225	70	4.6	3	0	80.9	0	0	25-11-2017
Tunisia	90	0	0	0	89	1	3.4	0	0	77.8	0	0	54	0	0	3	51	0	2.2	0	0	81.5	0	0	24-11-2017
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	49	0	0	12	37	0	5.4	0	0	95.9	0	0	19-11-2017
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	622	0	0	300	322	0	5.0	131	117	90.7	0	0	25-11-2017
EMR	16007	33	5	0	15961	8	6.4	0	0	89.7	33	0	16011	16	1	1384	14539	71	7.1	432	233	89.9	16	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	PENDING		WILD	VDPV	SL	NPEV	PENDING
AFG	1453	8		127	343		1272	1		80	311	34
BAH							2					
DJI	9				9							
EGY	362			13	49	14	402			7	48	54
IRN	170			3	6		101			3		
IRQ	658			28	102	6	632			12	83	43
JOR							2					
KUW	78						8					2
LEB	210			11	2	20	76			2	3	23
LIB							4					1
MOR	82			1	7	7	64				6	2
OMA	102			1	7	2	72			1	17	4
PAK	2503	5		181	525		3225			186	772	66
PAL												
QAT												
SAA												
SOM	930		1	50	110		949			35	100	60
SUD	228				18	19	292			5	19	26
SYR	679			9	17		521		52	3	8	14
TUN	20				1	1	23				1	
UAE							2					
YEM	1723		2	37	277	5	1549			42	99	668
<b>EMR</b>	<b>9207</b>	<b>13</b>	<b>3</b>	<b>461</b>	<b>1473</b>	<b>74</b>	<b>9196</b>	<b>1</b>	<b>52</b>	<b>376</b>	<b>1467</b>	<b>997</b>

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	8	07-10-16
<b>2016 Total</b>		<b>13</b>	<b>25-11-16</b>
2017	Afghanistan	1	21-05-17
<b>2017 Total</b>		<b>1</b>	<b>21-05-17</b>

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 SHELTAN	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
	<b>AFG Total</b>			<b>3</b>	<b>23-01-16</b>	<b>01-09-16</b>
	PAK	KHYBER PAKHTOON	KOHISTAN	1	03-09-16	03-09-16
SINDH		BADIN	1	10-10-16	10-10-16	
<b>PAK Total</b>			<b>2</b>	<b>03-09-16</b>	<b>10-10-16</b>	
2017	AFG	HILMAND	NAWZAD	1	16-04-17	16-04-17
			<b>AFG Total</b>			<b>1</b>



**Table 5: Laboratory investigation of AFP cases with paralysis onset in 2017 up to Week (47/17) / Ending on : (26/11/2017)**

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	2627	221	30	576	1707	93		10	168						185	1	3				21%	99%	98%	98%	25/11/2017
Bahrain	PNL Oman	16			1	15																5%	100%		69%	20/11/2017
Djibouti	NPL Kenya	4						4																		10/04/2017
Egypt***	RRL Egypt	1090	20	5	161	853	47	4		12			1		8			6	2			13%	100%	100%	99%	23/11/2017
Iran	NPL Iran	686	11		4	658	9	4		6					9							0%	99%	100%	100%	24/11/2017
Iraq	RRL Egypt	599	18		77	475	20	10		11					14							13%	100%	100%	100%	23/11/2017
Jordan	RRL EGYPT	95	1		6	88									3							8%	100%	100%	75%	23/11/2017
Kuwait	RRL Kuwait	65			4	52	8	1														4%	95%		98%	23/11/2017
Lebanon	NPL Jordan	66	1		5	60																8%	100%		100%	23/11/2017
Libya	RRL Tunisia	77	1		6	64	6			1					1							7%	100%	100%	94%	24/11/2017
Morocco	NPL Morocco	101			7	83	10	1														8%	78%		91%	24/11/2017
Oman	NPL Oman	32			6	26																22%	97%		97%	20/11/2017
Pakistan	RRL Pakistan	8473	411	35	1958	5858	205	3	5	251			9		314			5				20%	99%	99%	97%	25/11/2017
Palestine & UNRWA		34			11	22	1															33%	28%		100%	23/11/2017
Qatar	NPL Oman	15			1	14																7%	100%		100%	20/11/2017
Saudi Arabia	NPL Oman	214	1		35	145		33														16%	99%		100%	13/11/2017
Somalia	NPL Kenya	315	19	4	40	232	4	16		14					19							15%	24%		100%	19/11/2017
Sudan	RRL Egypt	487	8		58	403	15	4		4					3			1				11%	100%	100%	100%	19/11/2017
Syria	RRL Egypt	301	47		11	235	8			3			1	33*	7		21					4%	100%	100%	76%	23/11/2017
Tunisia	RRL Tunisia	60			5	53	2															7%	100%		98%	24/11/2017
U.A.E	NPL Oman	45	2		3	36	4			2					2							7%	100%	100%	54%	20/11/2017
Yemen	RRL Egypt	204	20	3	28	153				11					18			2				12%	100%	100%	37%	23/11/2017
<b>Total EMR 2017</b>		15606	781	77	3003	11232	432	80	15	483			10	34	583		22	17	2			17%	97%	99%	96%	
<b>Total EMR 2016</b>		15747	823	93	2781	12035		12	28	482			86	6	565	1	2	23	3	4		15%	95%	98%	94%	

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

**\*37 cVDPV2 were isolated from Syria by other Global Polio Laboratories Network (GPLN)**

\*\* This indicator reflects surveillance and laboratory activities

**Syria reported a total of 70 cVDPV2 cases in 2017 out of which 8 were identified by positive contacts**



**Table 6: Environmental isolate by year and type**

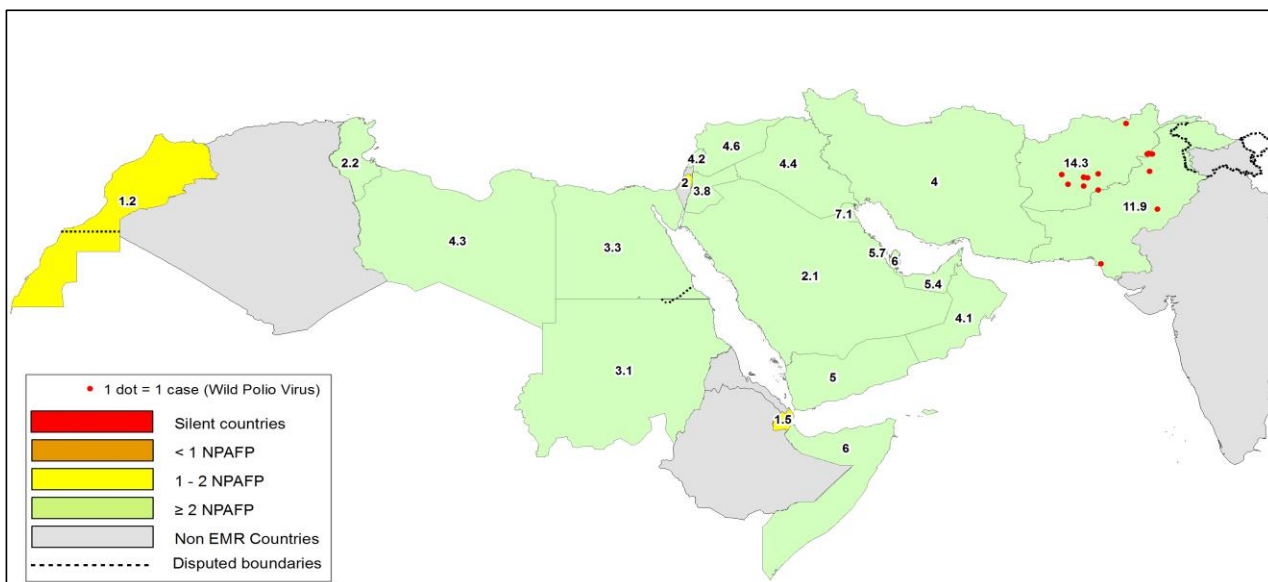
Country	Status	2010	2011	2012	2013	2014	2015	2016	2017
AFG	NEGATIVE				9	78	129	183	238
	PENDING								7
	WILD					17	20	2	24
<b>AFG Total</b>					<b>9</b>	<b>95</b>	<b>149</b>	<b>185</b>	<b>269</b>
EGY	NEGATIVE	416	447	412	472	452	412	528	446
	PENDING								20
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
<b>EGY Total</b>		<b>416</b>	<b>447</b>	<b>422</b>	<b>475</b>	<b>455</b>	<b>415</b>	<b>529</b>	<b>466</b>
IRN	NEGATIVE								1
	PENDING								1
<b>IRN Total</b>									<b>2</b>
JOR	NEGATIVE							2	26
	PENDING								2
<b>JOR Total</b>								<b>2</b>	<b>28</b>
LEB	NEGATIVE							4	20
	PENDING								1
<b>LEB Total</b>								<b>4</b>	<b>21</b>
PAK	NEGATIVE	77	68	151	257	237	347	462	438
	PENDING								40
	WILD	79	136	88	63	125	79	59	90
	WILD & VDPV2				2	6	5	3	1
	VDPV2					4	8	5	4
<b>PAK Total</b>		<b>156</b>	<b>204</b>	<b>239</b>	<b>322</b>	<b>372</b>	<b>439</b>	<b>529</b>	<b>573</b>
SOM	NEGATIVE								2
	PENDING								1
	VDPV2								2
<b>SOM Total</b>									<b>5</b>
EMR	NEGATIVE	493	515	563	738	767	888	1179	1171
	PENDING								72
	WILD	79	136	90	63	142	99	61	114
	WILD & VDPV2				2	6	5	3	1
	VDPV1			1			1		0
VDPV2			7	3	6	11	6	6	
<b>EMR Total</b>		<b>572</b>	<b>651</b>	<b>661</b>	<b>806</b>	<b>922</b>	<b>1003</b>	<b>1249</b>	<b>1364</b>

**Table 7: Environmental Wild/VDPV isolate by site**

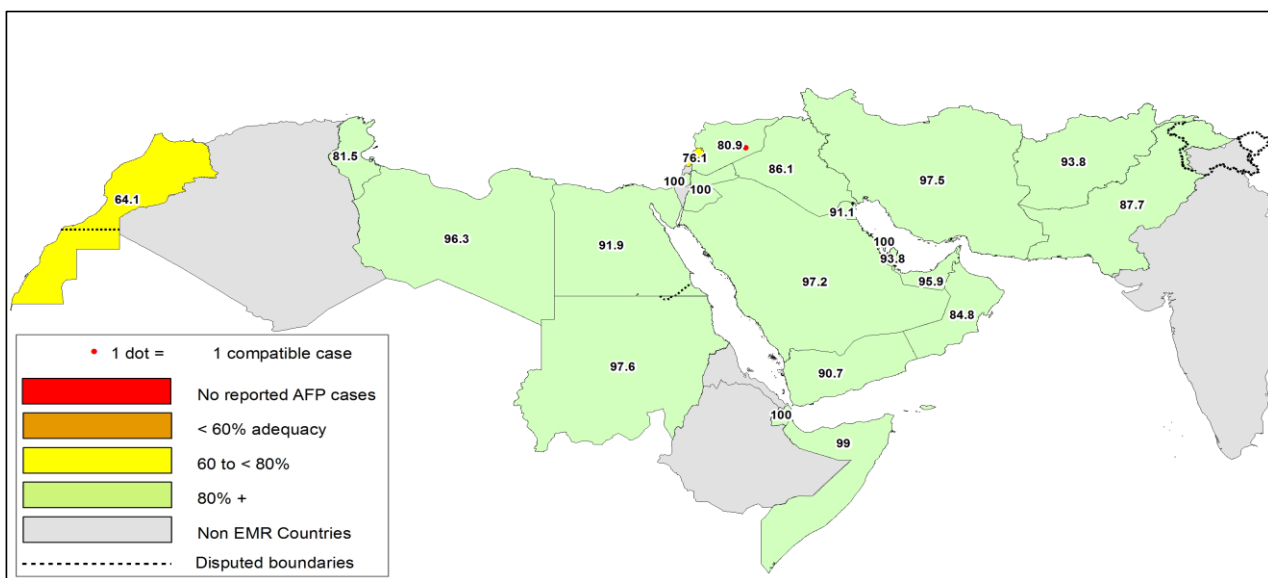
Year	Country	Status	Province	District	Count	First date	Last date	
2016	AFG	WILD1	HILMAND	NAHR-E-SARAJ	1	23-Dec	23-Dec	
			NANGARHAR	JALALABAD	1	26-Dec	26-Dec	
	<b>AFG Total</b>				<b>2</b>	<b>23-Dec</b>	<b>26-Dec</b>	
	EGY	VDPV2	SOUTH SINIA	EL TUR	1	15-Mar	15-Mar	
	<b>EGY Total</b>				<b>1</b>	<b>15-Mar</b>	<b>15-Mar</b>	
	PAK	WILD1	BALOCHISTAN	KABDULLAH	KABDULLAH	6	15-Jan	2-Dec
					PISHIN	4	2-Aug	16-Sep
				KHYBER PAKHTUNKHWA	QUETTA	11	12-Feb	20-Nov
					DIKHAN	1	16-Jul	16-Jul
				PUNJAB	PESHAWAR	10	11-Jan	10-Dec
					DERA GHAZI KHA	1	12-May	12-May
					FAISALABAD	2	3-Feb	2-Jul
					LAHORE	3	5-Aug	18-Oct
					MULTAN	2	8-Nov	8-Dec
					RAWALPINDI	4	14-Apr	10-Dec
				SINDH	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			
KHILANDHI	1	14-Dec	14-Dec					
WILD1+VDPV2	BALOCHISTAN	SUKKUR	3	12-Jan	19-Mar			
		QUETTA	3	20-Oct	12-Dec			
VDPV2	BALOCHISTAN	QUETTA	4	20-Jun	28-Dec			
	SINDH	HYDERABAD	1	11-Jul	11-Jul			
<b>PAK Total</b>				<b>67</b>	<b>5-Jan</b>	<b>28-Dec</b>		
<b>2016 Total</b>				<b>70</b>	<b>5-Jan</b>	<b>28-Dec</b>		
2017	AFG	WILD1	HILMAND	LASHKARGAH	5	26-Apr	5-Oct	
				KABUL	1	25-Oct	25-Oct	
				KANDAHAR	12	26-Jan	4-Nov	
				NANGARHAR	1	24-Sep	24-Sep	
				JALALABAD	5	24-Jan	23-Sep	
	<b>AFG Total</b>				<b>24</b>	<b>24-Jan</b>	<b>4-Nov</b>	
	PAK	WILD1	BALOCHISTAN	KABDULLAH	LORALAI	2	17-Sep	17-Oct
					PISHIN	5	2-Jan	2-Oct
				KHYBER PAKHTUNKHWA	QUETTA	11	1-Jan	12-Oct
					CDA	5	10-Feb	10-Jul
					PESHAWAR	6	10-Jan	10-Oct
				PUNJAB	MULTAN	1	9-Jan	9-Jan
					RAWALPINDI	8	10-Jan	10-Oct
					JACOBABAD	2	11-Aug	11-Sep
				SINDH	KAMBAR	1	15-Aug	15-Aug
					KHIBALDIA	1	8-Aug	8-Aug
					KHIGADAP	18	9-Jan	12-Oct
					KHIGIQBAL	6	3-Feb	10-Oct
					KHIKORANGI	1	16-Oct	16-Oct
					KHILANDHI	5	16-Mar	19-Sep
KHISITE					4	7-Aug	1-Nov	
SUKKUR	2	11-Apr	19-Sep					
WILD1+VDPV2	BALOCHISTAN	KABDULLAH	1	15-Jul	15-Jul			
VDPV2	BALOCHISTAN	PISHIN	1	2-May	2-May			
		QUETTA	3	3-Apr	29-May			
<b>PAK Total</b>				<b>95</b>	<b>1-Jan</b>	<b>1-Nov</b>		
SOM	VDPV2	BANADIR	WABERI	2	22-Oct	2-Nov		
<b>SOM Total</b>				<b>2</b>	<b>22-Oct</b>	<b>2-Nov</b>		
<b>2017 Total</b>				<b>121</b>	<b>1-Jan</b>	<b>4-Nov</b>		



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 26/11/2017**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 26/11/2017**



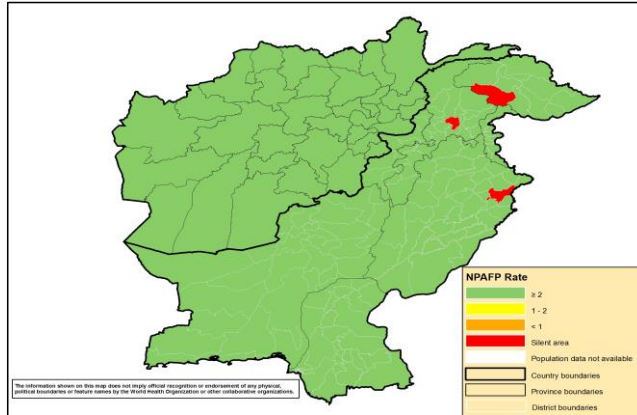
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017**

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	11	13-01-17	05-11-17
	PAK	5	28-01-17	21-08-17
2017 Total		16	13-01-17	05-11-17

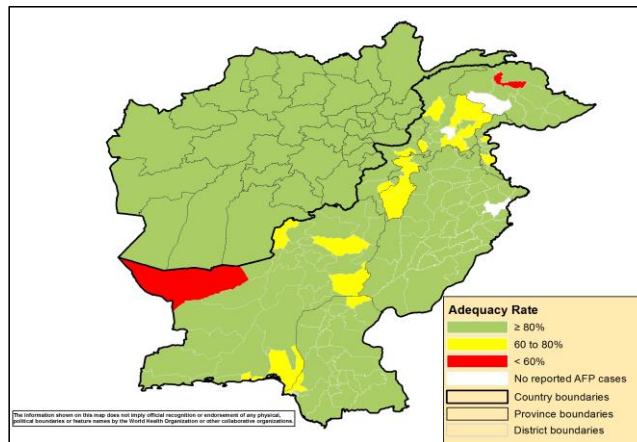
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by Province in Afghanistan & by District in Pakistan 01/01/2017 - 26/11/2017**

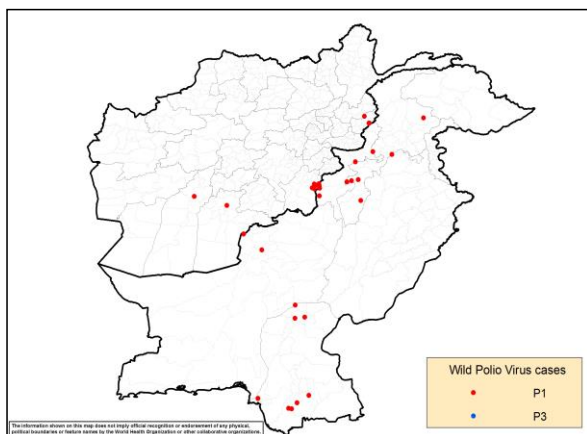


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan by Province & Pakistan by District 01/01/2017 - 26/11/2017**

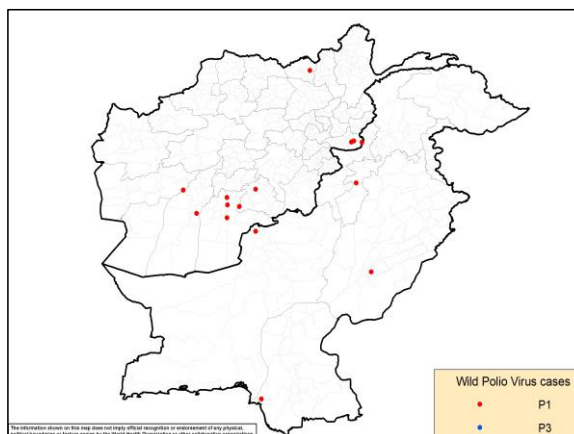


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan**

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



**5b: 01/01/2017 - 26/11/2017**





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
<b>2016 Total</b>			<b>13</b>	<b>23-01-16</b>	<b>16-12-16</b>
2017	NANGARHAR	MUHMAND DARA	1	05-11-17	05-11-17
		BATIKOT	2	15-09-17	11-10-17
	KANDAHAR	SHAHWALIKOT	3	19-06-17	17-10-17
		KANDAHAR	1	13-01-17	13-01-17
	ZABUL	ARGHANDAB (Z)	1	10-07-17	10-07-17
	HILMAND	NAWZAD	1	16-04-17	16-04-17
		NAHR-E-SARAJ	1	21-01-17	21-01-17
KUNDUZ	DASHT-E-ARCHI	1	21-02-17	21-02-17	
<b>2017 Total</b>			<b>11</b>	<b>13-01-17</b>	<b>05-11-17</b>

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
	KHYBER PAKHTOON	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
<b>2016 Total</b>			<b>20</b>	<b>17-01-16</b>	<b>22-12-16</b>
2017	KHYBER PAKHTOON	LAKKIMRWT	1	21-08-17	21-08-17
	SINDH	KHIGIQBAL	1	11-08-17	11-08-17
	BALOCHISTAN	KABDULAH	1	11-06-17	11-06-17
	GILGIT BALTISTAN	DIAMIR	1	13-02-17	13-02-17
	PUNJAB	LODHRAN	1	28-01-17	28-01-17
<b>2017 Total</b>			<b>5</b>	<b>28-01-17</b>	<b>21-08-17</b>

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

Year	COUNTRY	PROVINCE	DISTRICT	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
<b>2016 Total</b>				<b>1</b>	<b>17-12-16</b>	<b>17-12-16</b>
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	11	25-06-17	28-08-17
		DEIR_AL_ZOUR	MAYADEEN	55	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				70	05-03-17	09-09-17
<b>2017 Total</b>				<b>70</b>	<b>05-03-17</b>	<b>09-09-17</b>





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

Country	Source	Poliovirus type 2 by month																			
		2016										2017									
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	V2	S2	
AFG	AFP		1																		
	Contact		1																		
	ENV										1										
	Others*																				
BAH	AFP																				
	Contact																				
	ENV																				
	Others*																				
DJI	AFP																				
	Contact																				
	ENV																				
	Others*																				
EGY	AFP		1																		
	Contact																				
	ENV		8																		
	Others*		1		1																
IRN	AFP		1																		
	Contact																				
	ENV																				
	Others*																				
IRQ	AFP																				
	Contact																				
	ENV																				
	Others*																				
JOR	AFP																				
	Contact																				
	ENV																				
	Others*																				
KWT	AFP																				
	Contact																				
	ENV																				
	Others*																				
LEB	AFP																				
	Contact																				
	ENV																				
	Others*																				
LIB	AFP																				
	Contact																				
	ENV																				
	Others*																				
MOR	AFP																				
	Contact																				
	ENV																				
	Others*																				
OMA	AFP																				
	Contact																				
	ENV																				
	Others*																				
PAK	AFP		3																		
	Contact		1																		
	ENV		9	1	3	1	1														
	Others*																				
PNA	AFP																				
	Contact																				
	ENV																				
	Others*																				
QAT	AFP																				
	Contact																				
	ENV																				
	Others*																				
SAA	AFP																				
	Contact																				
	ENV																				
	Others*																				
SUD	AFP																				
	Contact																				
	ENV																				
	Others*																				
SOM	AFP			1		1															
	Contact																				
	ENV																				
	Others*																		1	1	
SYR	AFP		1																		
	Contact																				
	ENV																				
	Others*																				
TUN	AFP																				
	Contact																				
	ENV																				
	Others*																				
UAE	AFP																				
	Contact																				
	ENV																				
	Others*																				
YEM	AFP		1	1**																	
	Contact		1	1**																	
	ENV																				
	Others*																				
EMR	AFP		8	1	1		1														
	Contact		3	1																	
	ENV		17	1	3	1	1														
	Others*		1		1		1												1	1	

VDPV2

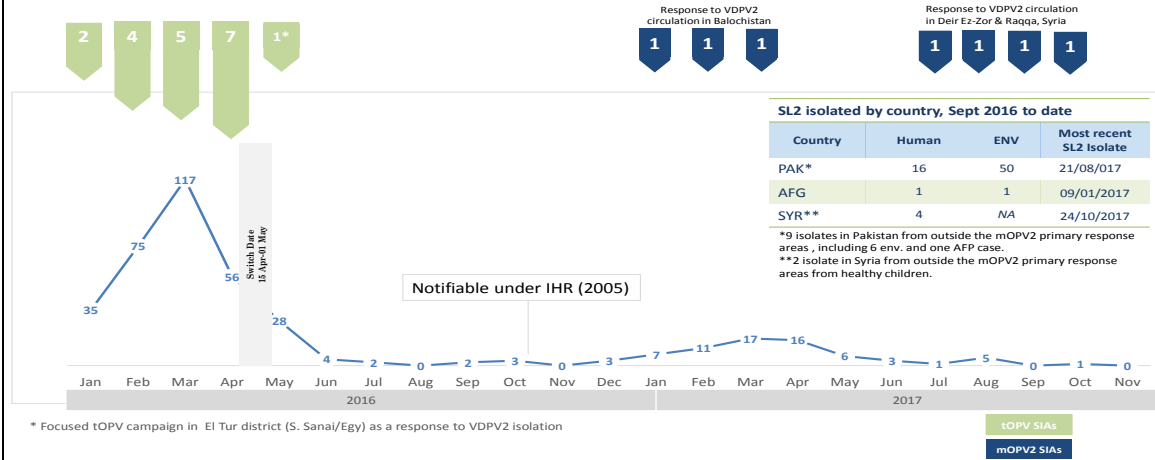
SL2

\*Other: Healthy children, PIDs

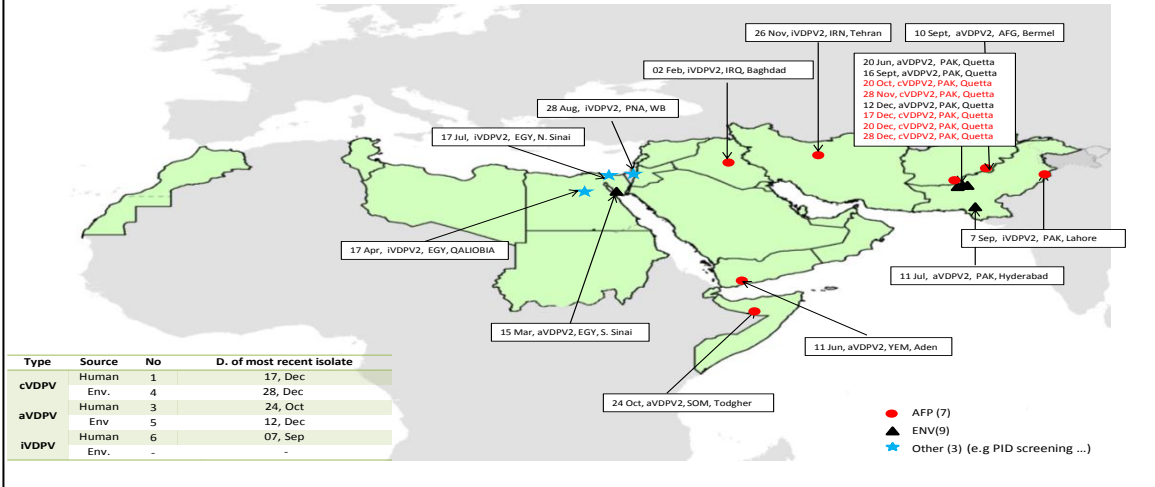
\*\* VDPV2 isolated from index and contact at the same



### Sabin Like Type-2 Poliovirus Isolates EMR, Human & Environmental Sample, 2016 -17



### VDPV2 isolates, EMR countries, 2016



### VDPV2 isolates, EMR countries, 2017

