



AFP SURVEILLANCE

19-Jun-17

Week 24, ending 18 June 2017

Number 976

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

Country	Reported AFP cases by week of onset - Week (24/17) / Ending on : 18/06/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	W13 02 Apr 17	W14 09 Apr 17	W15 16 Apr 17	W16 23 Apr 17	W17 30 Apr 17	W18 07 May 17	W19 14 May 17	W20 21 May 17	W21 28 May 17	W22 04 Jun 17	W23 11 Jun 17	W24 18 Jun 17
Afghanistan	2738	2905	1387	70	63	77	59	49	72	65	75	46	50	52	3
Bahrain	19	14	10	1	2	0	0	1	0	0	0	0	1	0	0
Djibouti	3	3	4	0	0										
Egypt	1046	1092	587	26	30	21	22	21	26	31	32	26	33	10	
Iran	780	776	326	17	12	20	22	15	12	16	20	10	18	5	
Iraq	520	605	301	9	12	20	10	10	11	8	15	15	16	9	
Jordan ****	90	107	46	1	3	2	3	2	0	1	3	0	2	3	1
Kuwait	32	50	29	3	2	2	0	1	1	2	0	0	0	1	0
Lebanon ****	113	111	43	1	1	2	1	0	2	2	2	2	2	0	
Libya	54	70	44	4	0	4	1	0	1	3	2	1	1	1	
Morocco	79	83	53	1	2	3	5	2	2	3	2	2	1	1	1
Oman	39	39	14	2	0	0	1	0	1	1	2	2	0	0	0
Pakistan	5814	7847	4068	185	168	233	195	161	173	207	211	142	107	25	0
Palestine ****	38	46	14	0	0	1	0	0	0	0	2	1	0	0	
Qatar	11	9	6	0	0	1	0	0	0	0	0	0	0		
Saudi Arabia	254	273	110	5	2	8	5	8	8	3	3	1	0	0	0
Somalia	281	316	175	8	6	8	6	10	6	6	10	8	4	6	0
Sudan	436	509	223	6	5	5	11	14	16	11	8	11	7	3	0
Syria ****	235	303	132	9	4	8	2	6	10	9	4	7	4	2	
Tunisia	64	90	24	0	0	0	1	2	1	1	1	1	1	0	
U.A.E	31	42	27	1	0	1	3	2	0	2	2	0	0	0	0
Yemen	537	715	316	12	19	12	9	11	15	14	8	12	5	0	
<b>Total EMR</b>	<b>13214</b>	<b>16005</b>	<b>7939</b>	<b>361</b>	<b>331</b>	<b>428</b>	<b>356</b>	<b>315</b>	<b>357</b>	<b>385</b>	<b>402</b>	<b>287</b>	<b>252</b>	<b>118</b>	<b>5</b>

☐ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	18/06		Confirmed polio cases by month of onset											
			2016	2017	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017
Afghanistan	20	13	6	4	0	2	2	2	0	1	2	1	0	1		
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0			
Djibouti	0	0	0	0	0	0	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			
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	0	
Lebanon ****	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			
Pakistan	54	20	13	2	1		2	2	1	1	1	1	0			
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	0	0	
Saudi Arabia	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	0	0		
U.A.E	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			
<b>Total EMR</b>	<b>74</b>	<b>33</b>	<b>19</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</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 (24/17) / Ending on : 18/06/2017

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	1387	4	0	194	1189	0	14.5	18	0	93.2	4	0	18-06-2017		
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	10	0	0	4	6	0	7.5	0	0	100.0	0	0	18-06-2017		
Djibouti	3	0	0	0	3	0	1.0	0	0	33.3	0	0	4	0	0	4	0	0	2.9	4	4	100.0	0	0	10-04-2017		
Egypt	1092	0	0	1	1091	0	2.9	1	0	94.1	0	0	587	0	0	99	487	1	3.3	1	0	93.0	0	0	15-06-2017		
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	326	0	0	27	299	0	3.7	0	0	96.0	0	0	18-06-2017		
Iraq	605	0	0	1	603	1	4.2	1	0	80.7	0	0	301	0	0	45	256	0	4.3	5	0	90.4	0	0	17-06-2017		
Jordan	107	0	0	0	107	0	3.8	0	0	100.0	0	0	46	0	0	21	25	0	3.4	3	0	100.0	0	0	15-06-2017		
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	29	0	0	3	26	0	7.2	0	0	82.8	0	0	18-06-2017		
Lebanon	111	0	0	3	108	0	5.8	3	0	82.9	0	0	43	0	0	8	35	0	4.9	1	0	74.4	0	0	17-06-2017		
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	44	0	0	10	34	0	4.6	4	2	93.2	0	0	17-06-2017		
Morocco	83	0	0	0	83	0	0.8	0	0	61.4	0	0	53	0	0	18	35	0	1.1	3	0	71.7	0	0	16-06-2017		
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	14	0	0	12	2	0	3.2	3	0	85.7	0	0	18-06-2017		
Pakistan	7847	20	5	10	7810	2	10.0	10	6	87.4	20	0	4068	2	0	434	3632	0	11.3	99	3	89.7	2	0	18-06-2017		
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	14	0	0	4	10	0	1.6	0	0	100.0	0	0	11-06-2017		
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	6	0	0	2	4	0	4.4	1	0	83.3	0	0	04-06-2017		
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	98.2	0	0	110	0	0	59	51	0	2.5	12	12	99.1	0	0	18-06-2017		
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	175	0	0	17	158	0	6.5	0	0	98.3	0	0	18-06-2017		
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	223	0	0	12	211	0	2.7	0	0	99.1	0	0	18-06-2017		
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	132	0	0	27	95	17	3.7	2	0	85.6	0	0	17-06-2017		
Tunisia	90	0	0	0	89	1	3.4	0	0	77.8	0	0	24	0	0	5	19	0	1.9	1	1	75.0	0	0	16-06-2017		
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	27	0	0	7	20	0	5.8	0	0	92.6	0	0	18-06-2017		
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	316	0	0	110	206	0	5.0	1	0	92.1	0	0	17-06-2017		
EMR	16005	33	5	15	15944	8	6.4	15	6	89.8	33	0	7939	6	0	1122	6800	18	6.8	158	22	91.3	6	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		667	1		52	120	72
BAH							2					
DJI	9				9							
EGY	362			13	49	14	192			4	11	37
IRN	170			3	6		52			2		
IRQ	658			28	102	6	231			10	31	15
JOR												
KUW	78						8					2
LEB	210			11	2	20	23			2	3	6
LIB							4					1
MOR	82			1	7	7	27				3	
OMA	102			1	7	2	50			1	4	15
PAK	2503	5		181	525		1627			112	265	79
PAL												
QAT												
SAA												
SOM	930		1	50	110		529			26	60	51
SUD	228				18	19	96			4	2	39
SYR	679			9	17		275		4	1	2	9
TUN	20				1	1	9					
UAE							2					2
YEM	1723		2	37	277	5	869			38	60	427
<b>EMR</b>	<b>9207</b>	<b>13</b>	<b>3</b>	<b>461</b>	<b>1473</b>	<b>74</b>	<b>4663</b>	<b>1</b>	<b>4</b>	<b>252</b>	<b>561</b>	<b>755</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	1	23-01-16	23-01-16
			PAKTIKA	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			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 (24/17) / Ending on : (18/06/2017)**

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	1352	132	21	190	898	110	1	3	105						113		1			15%	100%	99%	98%	17/06/2017	
Bahrain	PNL Oman	10				9	1														0%	100%		100%	12/06/2017	
Djibouti	NPL Kenya	4						4																	10/04/2017	
Egypt***	RRL Egypt	584	14	1	71	443	50	5		10			1		4			2	1		10%	100%	100%	99%	18/06/2017	
Iran	NPL Iran	329	3		3	297	25	1		2					2						1%	99%	100%	100%	17/06/2017	
Iraq	RRL Egypt	307	17		43	210	34	3		10					13						14%	100%	100%	100%	15/06/2017	
Jordan	RRL EGYPT	46	1		4	37	4								2						10%	100%	100%	67%	18/06/2017	
Kuwait	RRL Kuwait	31			2	28	1														4%	93%		97%	15/06/2017	
Lebanon	NPL Jordan	43	1		4	33	5														13%	100%		100%	18/06/2017	
Libya	RRL Tunisia	43			2	37	4														4%	100%		90%	16/06/2017	
Morocco	NPL Morocco	42			3	36	3														8%	100%		97%	16/06/2017	
Oman	NPL Oman	14			4	8	2														23%	100%		100%	12/06/2017	
Pakistan	RRL Pakistan	4221	242	12	662	3041	261	1	2	134			7		177			2			14%	100%	100%	97%	17/06/2017	
Palestine & UNRWA		14			6	7		1													46%	17%		100%	11/06/2017	
Qatar	NPL Oman	6				6															0%	100%		100%	12/06/2017	
Saudi Arabia	NPL Oman	121			16	80	14	11													12%	98%		100%	15/06/2017	
Somalia	NPL Kenya	175	15	2	21	120	8	9		11				14					1		15%	27%		99%	18/06/2017	
Sudan	RRL Egypt	226	7		27	178	14			4					3			1			11%	100%	100%	100%	18/06/2017	
Syria	RRL Egypt	131	16		4	97	10	5		2			16		4				3		2%	99%	100%	83%	17/06/2017	
Tunisia	RRL Tunisia	31			3	24	4														6%	100%		100%	16/06/2017	
U.A.E	NPL Oman	22	1		3	16	2			1					1						15%	100%	100%	40%	12/06/2017	
Yemen	RRL Egypt	204	20	3	28	153				11					18			2			12%	100%	100%	37%	18/06/2017	
<b>Total EMR 2017</b>		<b>7956</b>	<b>469</b>	<b>39</b>	<b>1096</b>	<b>5758</b>	<b>552</b>	<b>41</b>	<b>5</b>	<b>290</b>			<b>7</b>	<b>17</b>	<b>351</b>		<b>3</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>13%</b>	<b>98%</b>	<b>100%</b>	<b>96%</b>		
<b>Total EMR 2016</b>		<b>15748</b>	<b>823</b>	<b>93</b>	<b>2781</b>	<b>12036</b>		<b>12</b>	<b>28</b>	<b>482</b>			<b>86</b>	<b>6</b>	<b>565</b>	<b>1</b>	<b>2</b>	<b>23</b>	<b>3</b>	<b>4</b>	<b>15%</b>	<b>95%</b>	<b>98%</b>	<b>94%</b>		

\* 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**

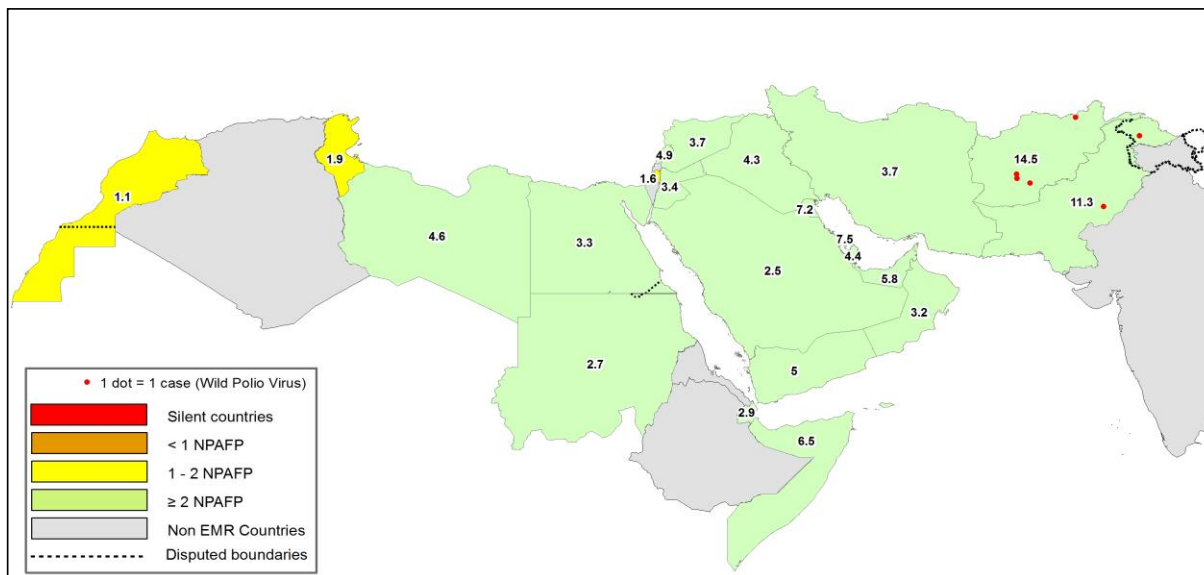
Country	Status	2010	2011	2012	2013	2014	2015	2016	2017
AFG	NEGATIVE				9	78	129	183	117
	PENDING								10
	WILD					17	20	2	5
<b>AFG Total</b>					<b>9</b>	<b>95</b>	<b>149</b>	<b>185</b>	<b>132</b>
EGY	NEGATIVE	183	178	196	304	410	412	528	218
	PENDING								26
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
<b>EGY Total</b>		<b>183</b>	<b>178</b>	<b>206</b>	<b>307</b>	<b>413</b>	<b>415</b>	<b>529</b>	<b>244</b>
JOR	NEGATIVE							2	14
	PENDING								3
<b>JOR Total</b>								<b>2</b>	<b>17</b>
LEB	NEGATIVE							4	10
	PENDING								
<b>LEB Total</b>								<b>4</b>	<b>10</b>
PAK	NEGATIVE	77	68	151	257	237	347	462	216
	PENDING								31
	WILD	79	136	88	63	125	79	59	47
	WILD & VDPV2				2	6	5	3	
	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>298</b>
EMR	NEGATIVE	260	246	347	570	725	888	1179	575
	PENDING								70
	WILD	79	136	90	63	142	99	61	52
	WILD & VDPV2				2	6	5	3	
	VDPV1			1		1			
VDPV2			7	3	6	11	6	4	
<b>EMR Total</b>		<b>339</b>	<b>382</b>	<b>445</b>	<b>638</b>	<b>880</b>	<b>1003</b>	<b>1249</b>	<b>701</b>

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

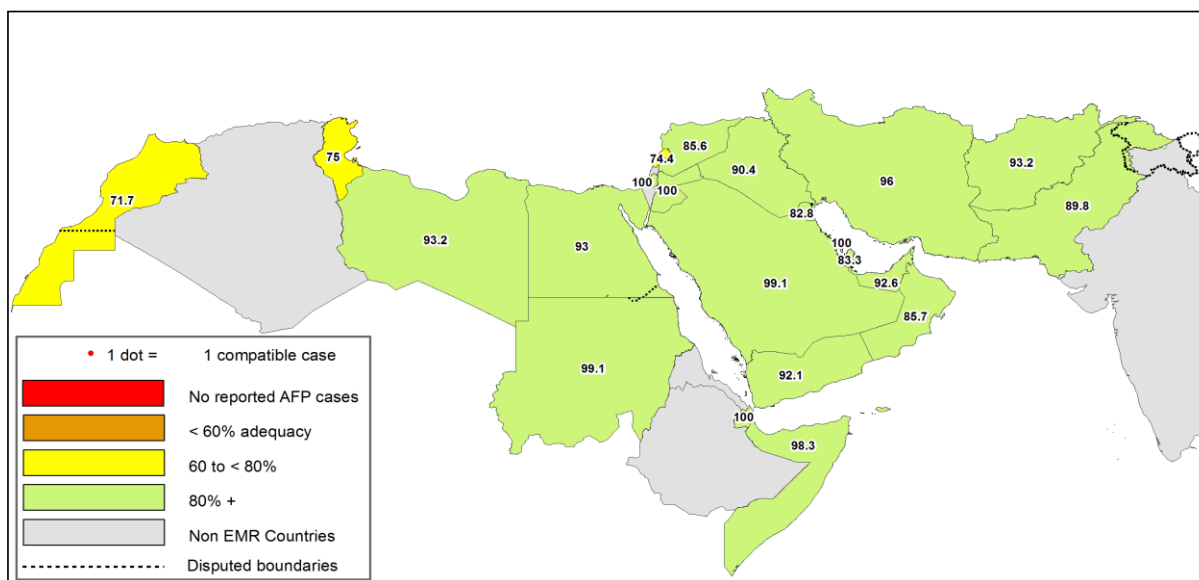
Year	Country	Status	Province	District	Count	First date	Last date		
2016	AFG	WILD1	HILMAND	NAHR-E-SARAJ	1	23-Dec	23-Dec		
				JALALABAD	1	26-Dec	26-Dec		
	<b>AFG Total</b>					<b>2</b>	<b>23-Dec</b>	<b>26-Dec</b>	
	EGY	VDPV2	SOUTH SINIA	EL TUR	1	15-Mar	15-Mar		
	<b>EGY Total</b>					<b>1</b>	<b>15-Mar</b>	<b>15-Mar</b>	
	PAK	WILD1	BALOCHISTAN	KABDULLAH		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 KHAN	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	
					KHIGQBAL	2	18-Jan	15-Mar	
WILD1+VDPV2				BALOCHISTAN	KHILANDHI	1	14-Dec	14-Dec	
					SUKKUR	3	12-Jan	19-Mar	
					QUETTA	3	20-Oct	12-Dec	
VDPV2	BALOCHISTAN	QUETTA	4	20-Jun	28-Dec				
		SINDH	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	1	26-Apr	26-Apr		
				KANDAHAR	2	26-Jan	9-Mar		
				JALALABAD	2	24-Jan	25-Mar		
	<b>AFG Total</b>					<b>5</b>	<b>24-Jan</b>	<b>26-Apr</b>	
	PAK	WILD1	BALOCHISTAN	KABDULLAH		8	1-Jan	1-May	
					PISHIN	4	2-Jan	3-Apr	
					QUETTA	8	1-Jan	12-May	
				ISLAMABAD	CDA	4	10-Feb	10-May	
					KHYBER PAKHTUNKHWA	PESHAWAR	4	10-Jan	10-May
						MULTAN	1	9-Jan	9-Jan
				PUNJAB	RAWALPINDI	4	10-Jan	10-May	
					SINDH	KHIGADAP	7	9-Jan	5-Jun
						KHIGQBAL	3	3-Feb	8-Apr
				VDPV2	BALOCHISTAN	KHILANDHI	3	16-Mar	16-May
						SUKKUR	1	11-Apr	11-Apr
						PISHIN	1	2-May	2-May
						QUETTA	3	3-Apr	29-May
<b>PAK Total</b>					<b>51</b>	<b>1-Jan</b>	<b>5-Jun</b>		
<b>2017 Total</b>					<b>56</b>	<b>1-Jan</b>	<b>5-Jun</b>		



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 18/06/2017**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 18/06/2017**



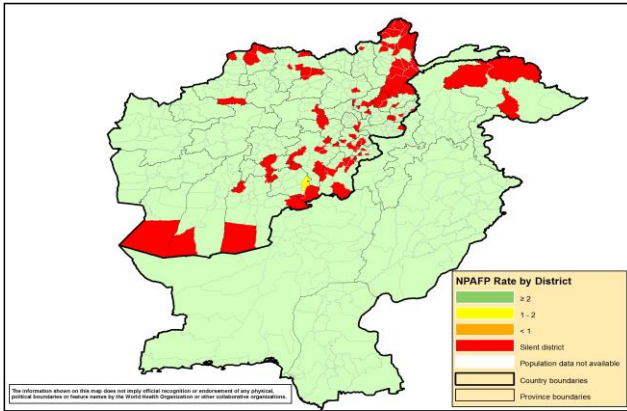
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017**

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
<b>2016 Total</b>		<b>33</b>	<b>17-01-16</b>	<b>22-12-16</b>
2017	AFG	4	13-01-17	16-04-17
	PAK	2	28-01-17	13-02-17
<b>2017 Total</b>		<b>6</b>	<b>13-01-17</b>	<b>16-04-17</b>

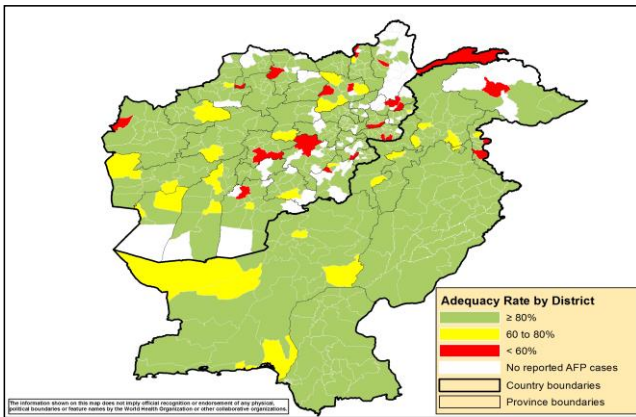
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by District in Afghanistan & Pakistan 01/01/2017 - 18/06/2017**

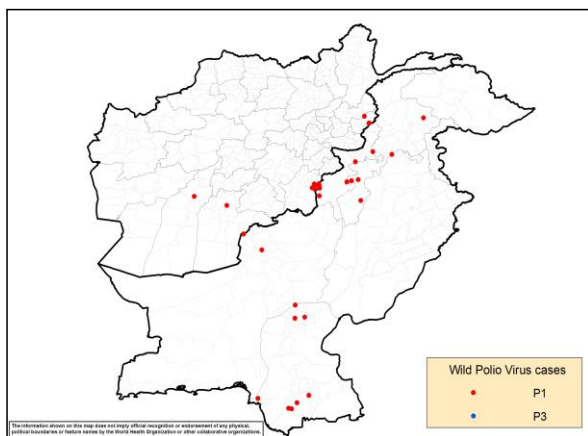


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2017 - 18/06/2017**

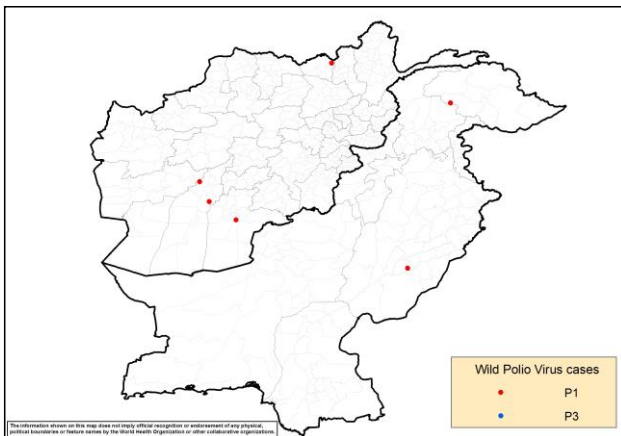


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan**

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



**5b: 01/01/2017 - 18/06/2017**





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	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
	KANDAHAR	KANDAHAR	1	13-01-17	13-01-17
2017 Total			4	13-01-17	16-04-17

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
2017	SYR	DEIR_AL_ZOUR	MAYA DEEN	16	03-05-17	23-05-17
		RAQUA	RAQUA	1	03-05-17	03-05-17
	SYR Total			17	03-05-17	23-05-17
2017 Total				17	03-05-17	23-05-17

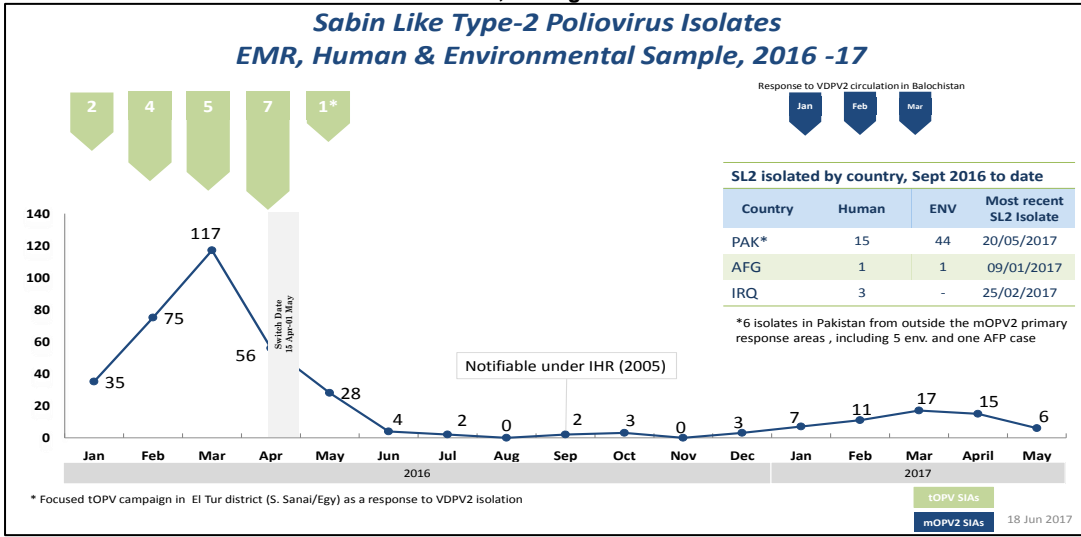




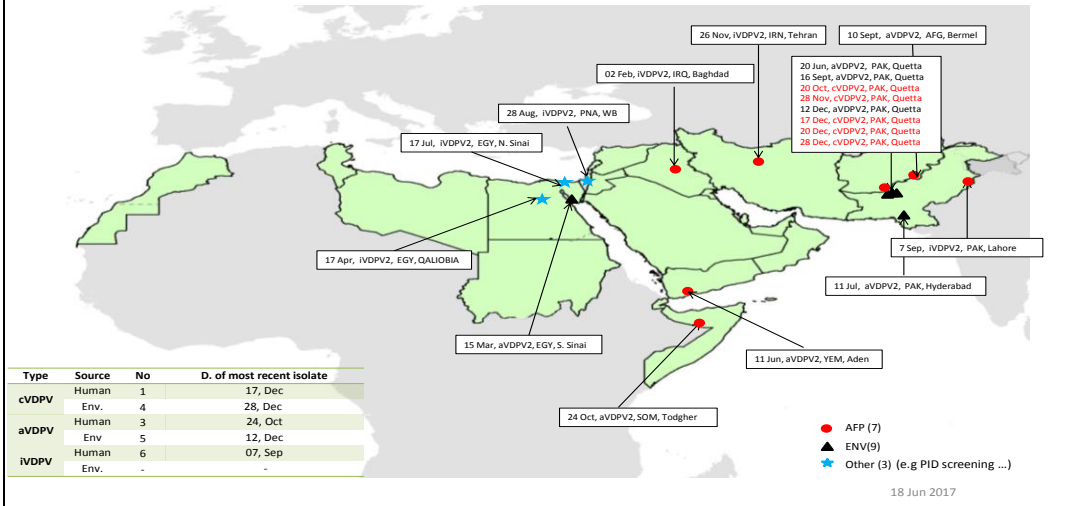
Table 12: VDPV2 and Sabin Like 2 isolates, EMRO countries 2016 - 2017

Country		Poliovirus type 2 by month																												
		2016														2017														
		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		
Source	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						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				1			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			1			5		1					
	Contact		1																				1		2					
	ENV		9	1	3	1	1			1	1	1	2	1		3			5		9	11	1	10	3	6				
	Others*																								2					
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																		2			4		10				
	Contact																						2		2					
	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		1	1	1	2	5	4	1	10			
	Contact		3	1																				1	2	2	2			
	ENV		17	1	3	1	1				1	1	1	2	1		3			6		9	11	1	10	3	6			
	Others*		1			1		1																		2				

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



### VDPV2 isolates, EMR countries, 2016



### VDPV2 isolates, EMR countries, 2017

