



AFP SURVEILLANCE

4-Dec-17

Week 48, ending 3 December 2017

Number 1000

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

Country	Reported AFP cases by week of onset - Week (48/17) / Ending on : 03/12/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	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	W48 03 Dec 17
Afghanistan	2738	2905	2741	62	49	48	51	55	62	49	61	53	53	30	4
Bahrain	19	14	15	1	0	1	1	0	0	0	0	0	0	0	0
Djibouti	3	3	4												
Egypt	1046	1092	1127	26	15	23	31	24	17	15	24	23	22	18	2
Iran	780	776	693	15	13	16	17	22	14	20	16	8	3	1	
Iraq	520	605	603	15	10	11	20	15	19	5	8	13	7	6	
Jordan ****	90	107	100	6	4	3	4	4	2	0	2	1	0	4	1
Kuwait	32	50	58	0	1	0	0	1	4	2	1	5	3	1	0
Lebanon ****	113	111	71	1	1	0	1	0	1	2	1	2	1		
Libya	54	70	82	2	3	0	1	2	3	2	4	0	4	1	
Morocco	79	84	117	2	1	2	6	3	3	5	3	5			
Oman	39	39	33	0	1	1	1	1	2	4	2	1	0	0	
Pakistan	5815	7848	8766	227	191	196	221	181	180	200	152	139	102	23	0
Palestine ****	38	46	36	1	2	0	2	2	1	0	1	1	2	0	0
Qatar	11	9	17	0	0	0	0	1	0	1	1	1	1	0	0
Saudi Arabia	254	273	201	3	6	1	12	3	1	0	0	2	2	1	0
Somalia	281	316	322	10	4	5	6	3	4	6	11	5	4	1	1
Sudan	436	509	503	14	14	12	10	21	13	11	13	11	8	1	0
Syria ****	235	303	326	0	7	8	4	5	5	4	4	6	6	0	
Tunisia	64	90	54	0	2	2	2	0	0	2	1	0	0	0	
U.A.E	31	42	49	1	0	1	2	3	2	5	2	0	0		
Yemen	537	715	636	15	14	10	16	22	15	13	13	18	13	8	
Total EMR	13215	16007	16554	401	338	340	408	368	348	346	320	294	231	95	8

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	03/12		Confirmed polio cases by month of onset											
			2016	2017	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017
Afghanistan	20	13	12	11	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		
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			
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			
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			
Pakistan	54	20	19	5	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		
Saudi Arabia	0	0	0	0	0	0										
Somalia	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							
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			
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total EMR	74	33	31	16	3	2	0	1	0	2	1	2	1	3	1	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 (48/17) / Ending on : 03/12/2017

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	2741	11	0	167	2563	0	14.4	15	3	93.9	11	0	03/12/2017
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	15	0	0	2	13	0	5.6	0	0	100.0	0	0	03/12/2017
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	1127	0	0	93	1033	1	3.3	1	0	92.6	0	0	29/11/2017
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	693	0	0	10	683	0	4.0	0	0	97.7	0	0	02/12/2017
Iraq	605	0	0	0	604	1	4.2	0	0	80.7	0	0	603	0	0	58	545	0	4.4	16	1	86.1	0	0	02/12/2017
Jordan	107	0	0	0	107	0	3.8	0	0	100.0	0	0	100	0	0	30	70	0	3.9	5	0	98.0	0	0	03/12/2017
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	58	0	0	5	53	0	7.2	0	0	91.4	0	0	03/12/2017
Lebanon	111	0	0	0	111	0	5.8	0	0	82.9	0	0	71	0	0	12	59	0	4.1	7	0	76.1	0	0	25/11/2017
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	82	0	0	8	74	0	4.3	3	3	96.3	0	0	02/12/2017
Morocco	84	0	0	0	84	0	0.8	0	0	61.9	0	0	117	0	0	45	72	0	1.2	26	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	4.0	0	0	84.8	0	0	26/11/2017
Pakistan	7848	20	5	0	7821	2	10.0	0	0	87.0	20	0	8766	5	0	527	8234	0	12.2	151	8	86.4	5	0	03/12/2017
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	36	0	0	11	25	0	2.1	0	0	100.0	0	0	03/12/2017
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	17	0	0	5	12	0	6.2	0	0	94.1	0	0	03/12/2017
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	98.2	0	0	201	0	0	121	80	0	2.3	86	82	97.5	0	0	03/12/2017
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	322	0	0	10	312	0	6.0	1	1	99.1	0	0	03/12/2017
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	503	0	0	12	491	0	3.0	0	0	97.4	0	0	03/12/2017
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	326	0	1	24	231	70	4.5	4	0	81.0	0	0	02/12/2017
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	30/11/2017
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	49	0	0	12	37	0	5.2	0	0	95.9	0	0	19/11/2017
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	636	0	0	314	322	0	5.0	142	124	90.9	0	0	02/12/2017
EMR	16007	33	5	0	15961	8	6.4	0	0	89.6	33	0	16554	16	1	1481	14985	71	7.2	461	226	89.3	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



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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	0	127	343	0	1313	1	0	81	318	52
BAH	0	0	0	0	0	0	2	0	0	0	0	0
DJI	9	0	0	0	9	0	0	0	0	0	0	0
EGY	362	0	0	13	49	14	408	0	0	7	53	40
IRN	170	0	0	3	6	0	113	0	0	3	0	0
IRQ	658	0	0	28	102	6	642	0	0	12	83	53
JOR	30	0	0	0	2	0	2	0	0	0	0	0
KUW	78	0	0	0	0	0	8	0	0	0	0	2
LEB	210	0	0	11	2	20	76	0	0	2	3	23
LIB	0	0	0	0	0	0	4	0	0	0	0	1
MOR	82	0	0	1	7	7	64	0	0	0	6	2
OMA	102	0	0	1	7	2	72	0	0	1	17	4
PAK	2505	5	0	181	525	0	3265	0	0	188	790	55
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	930	0	1	50	110	0	970	0	0	36	105	30
SUD	228	0	0	0	18	19	307	0	0	5	20	36
SYR	679	0	0	9	17	0	528	0	52	3	9	14
TUN	20	0	0	0	1	1	23	0	0	0	1	0
UAE	0	0	0	0	0	0	2	0	0	0	0	0
YEM	1723	0	2	37	277	1	1574	0	0	42	99	693
EMR	9239	13	3	461	1475	70	9373	1	52	380	1504	1005

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
2016 Total		13	25-11-16
2017	Afghanistan	1	21-05-17
2017 Total		1	21-05-17

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



Table 5: Laboratory investigation of AFP cases with paralysis onset in 2017 up to Week (48/17) / Ending on : (03/12/2017)

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	2687	227	33	591	1740	96		10	175						191		1	3			21%	99%	98%	98%	03/12/2017
Bahrain	PNL Oman	16			1	15																5%	100%		69%	27/11/2017
Djibouti	NPL Kenya	4						4																		10/04/2017
Egypt***	RRL Egypt	1097	20	5	161	853	22	36		12				1	8			6	2			13%	100%	100%	99%	29/11/2017
Iran	NPL Iran	708	11		4	669	23	1		6					9							0%	99%	100%	100%	02/12/2017
Iraq	RRL Egypt	611	18		81	483	18	12		11					14							13%	100%	100%	100%	01/12/2017
Jordan	RRL EGYPT	95	1		6	88									3							8%	100%	100%	75%	23/11/2017
Kuwait	RRL Kuwait	67			4	60	2	1														4%	95%		98%	03/12/2017
Lebanon	NPL Jordan	66	1		5	60																8%	100%		100%	23/11/2017
Libya	RRL Tunisia	79	1		6	67	5			1					1							7%	100%	100%	95%	30/11/2017
Morocco	NPL Morocco	105			7	88	10															7%	79%		92%	30/11/2017
Oman	NPL Oman	33			6	26		1														21%	97%		97%	27/11/2017
Pakistan	RRL Pakistan	8574	417	36	2022	5938	151	6	5	252			9		318			6	2			20%	99%	99%	97%	03/12/2017
Palestine & UNRWA		36			11	23	2															32%	30%		100%	03/12/2017
Qatar	NPL Oman	16			1	14	1															7%	100%		100%	27/11/2017
Saudi Arabia	NPL Oman	244	1		36	185	21	1														13%	99%		100%	04/12/2017
Somalia	NPL Kenya	322	19	4	43	246	5	5		14					19							15%	23%		100%	03/12/2017
Sudan	RRL Egypt	507	8		60	423	16	1		4					3			1				11%	100%	100%	100%	03/12/2017
Syria	RRL Egypt	309	47		12	240	8	2		3		1	33 *	8		21						4%	100%	100%	77%	30/11/2017
Tunisia	RRL Tunisia	60			5	55																7%	100%		98%	30/11/2017
U.A.E	NPL Oman	49	2		3	40	4			2					2							6%	100%	100%	58%	27/11/2017
Yemen	RRL Egypt	204	20	3	28	153				11					18			2				12%	100%	100%	37%	29/11/2017
Total EMR 2017		15889	793	81	3093	11466	384	70	15	491			10	34	594		22	18	2	2		17%	97%	99%	96%	
Total EMR 2016		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							2	26
	WILD					17	20	2	25
AFG Total					9	95	149	185	289
EGY	NEGATIVE	416	447	412	472	452	412	528	447
	PENDING								30
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
EGY Total		416	447	422	475	455	415	529	477
IRN	NEGATIVE								1
	PENDING								1
IRN Total									2
JOR	NEGATIVE							2	26
	PENDING								2
JOR Total								2	28
LEB	NEGATIVE							4	20
	PENDING								1
LEB Total								4	21
PAK	NEGATIVE	77	68	151	257	237	347	462	454
	PENDING								29
	WILD	79	136	88	63	125	79	59	92
	WILD & VDPV2				2	6	5	3	1
	VDPV2				4	8	5	4	
PAK Total		156	204	239	322	372	439	529	580
SOM	NEGATIVE								2
	PENDING								1
	VDPV2								2
SOM Total									5
EMR	NEGATIVE	493	515	563	738	767	888	1179	1188
	PENDING								90
	WILD	79	136	90	63	142	99	61	117
	WILD & VDPV2				2	6	5	3	1
	VDPV1			1		1			0
	VDPV2			7	3	6	11	6	6
EMR Total		572	651	661	806	922	1003	1249	1402

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		
	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	
PUNJAB					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		
SUKKUR					3	12-Jan	19-Mar		
WILD1+VDPV2					BALOCHISTAN	QUETTA	3	20-Oct	12-Dec
VDPV2	BALOCHISTAN	QUETTA	4	20-Jun	28-Dec				
	SINDH	HYDERABAD	1	11-Jul	11-Jul				
PAK Total				67	5-Jan	28-Dec			
2016 Total				70	5-Jan	28-Dec			
2017	AFG	WILD1	HILMAND	LASHKARGAH	5	26-Apr	5-Oct		
				KABUL	1	25-Oct	25-Oct		
				KANDAHAR	13	26-Jan	4-Nov		
				NANGARHAR	1	24-Sep	24-Sep		
				JALALABAD	5	24-Jan	23-Sep		
	AFG Total				25	24-Jan	4-Nov		
	PAK	WILD1	BALOCHISTAN	KABDULLAH	12	1-Jan	15-Oct		
				LORALAI	2	17-Sep	17-Oct		
				PISHIN	5	2-Jan	2-Oct		
				QUETTA	11	1-Jan	12-Oct		
				ISLAMABAD	CDA	5	10-Feb	10-Jul	
				KHYBER PAKHTUNKHWA	PESHAWAR	7	10-Jan	10-Nov	
				PUNJAB	MULTAN	1	9-Jan	9-Jan	
				RAWALPINDI	8	10-Jan	10-Oct		
				JACOBABAD	3	11-Aug	9-Nov		
				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				
PAK Total				97	1-Jan	10-Nov			
SOM	VDPV2	BANADIR	WABERI	2	22-Oct	2-Nov			
SOM Total				2	22-Oct	2-Nov			
2017 Total				124	1-Jan	10-Nov			



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 03/12/2017

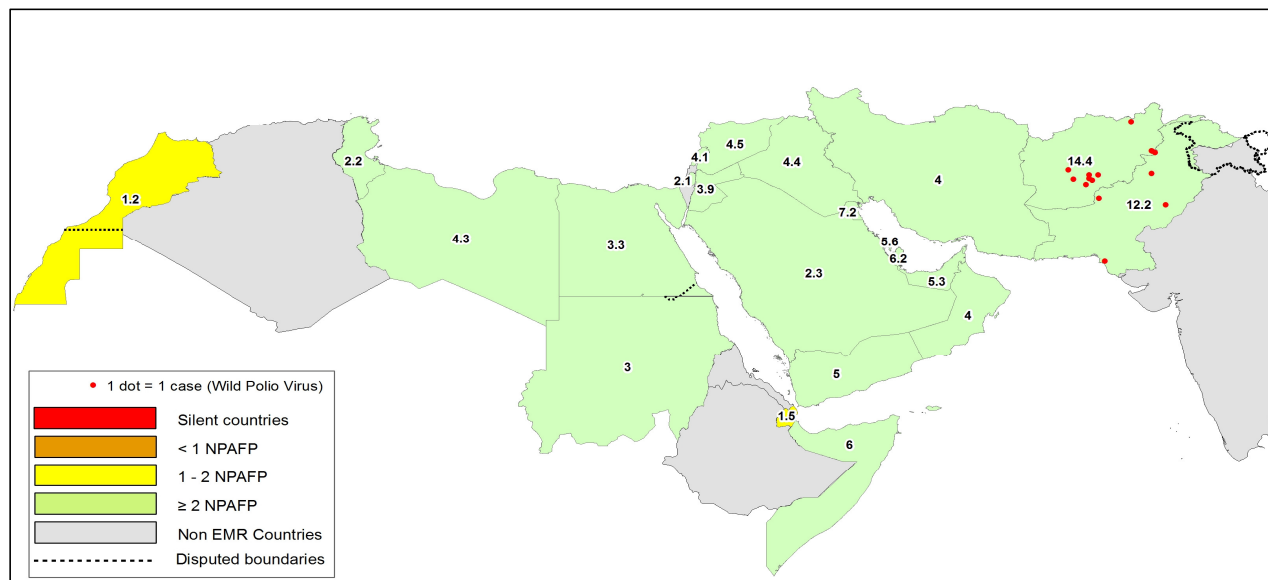


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 03/12/2017

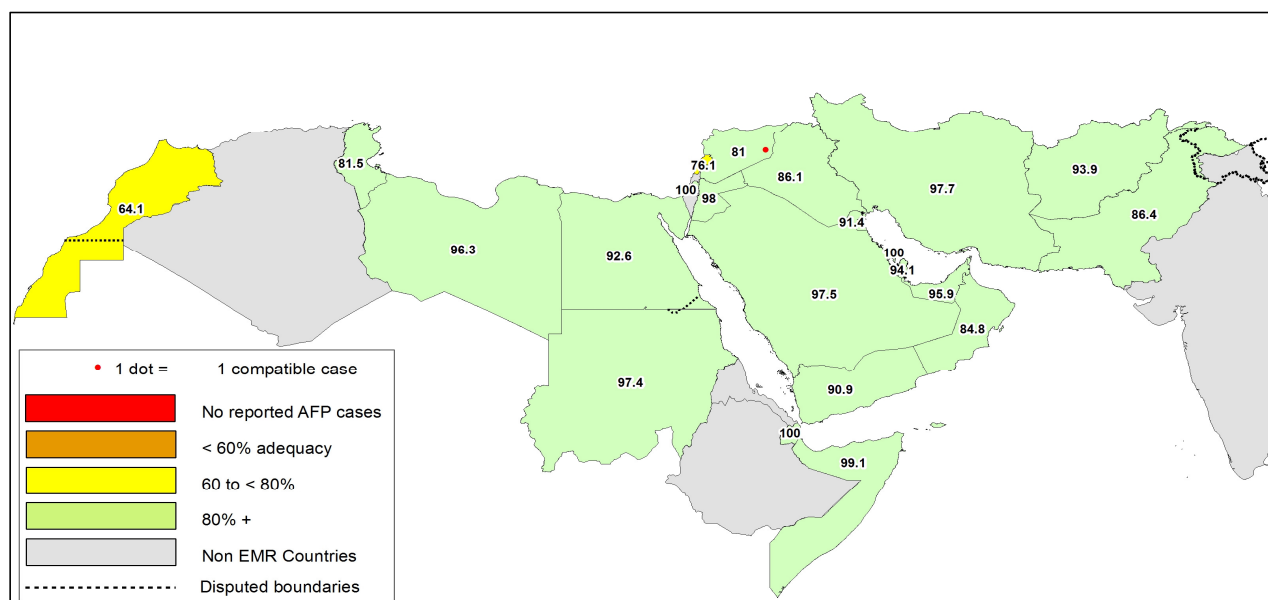


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017

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 - 03/12/2017

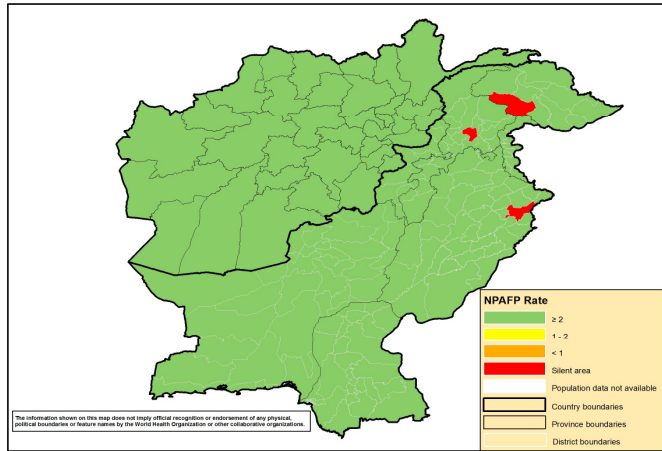


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan by Province & Pakistan by District 01/01/2017 - 03/12/2017

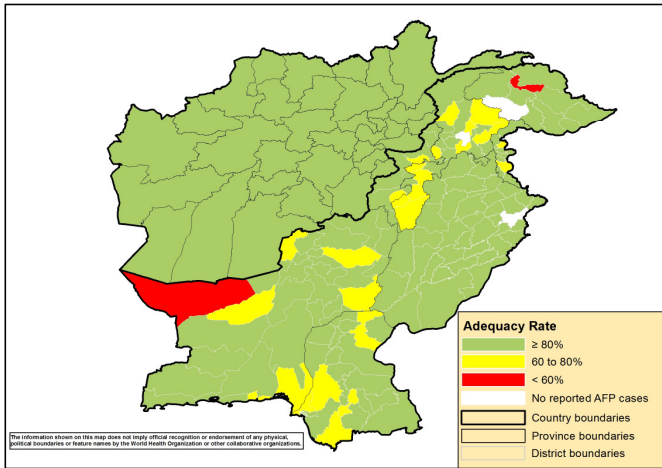
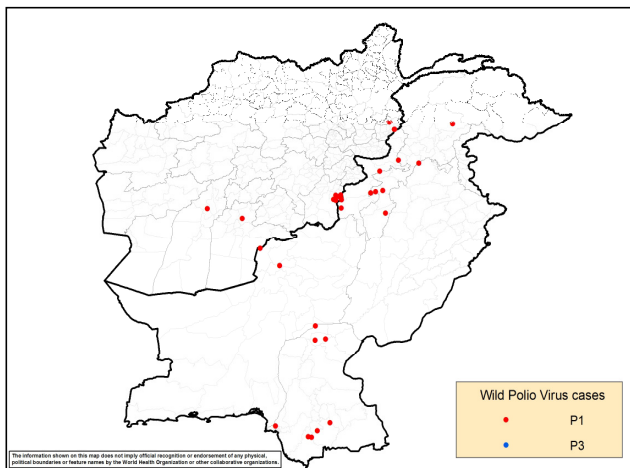
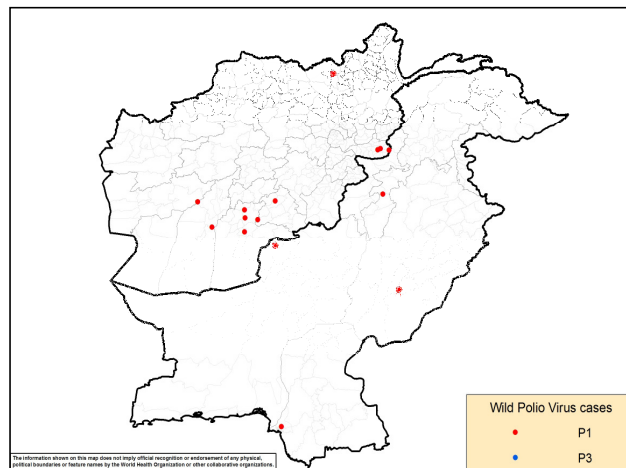


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

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



5b: 01/01/2017 - 03/12/2017





World Health Organization – Regional Office for Eastern Mediterranean
AFP SURVEILLANCE
Week 48, ending 3 December 2017

4-Dec-17
Number 1000

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	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	
2017 Total			11	13-01-17	05-11-17

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
	FATA	NOWSHERA	1	22-01-16	22-01-16
WAZIR-S		2	18-06-16	27-07-16	
2016 Total			20	17-01-16	22-12-16
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
2017 Total			5	28-01-17	21-08-17

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
2016 Total				1	17-12-16	17-12-16
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	
2017 Total				70	05-03-17	09-09-17



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								1												
	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																		1	1	
	Others*																				
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

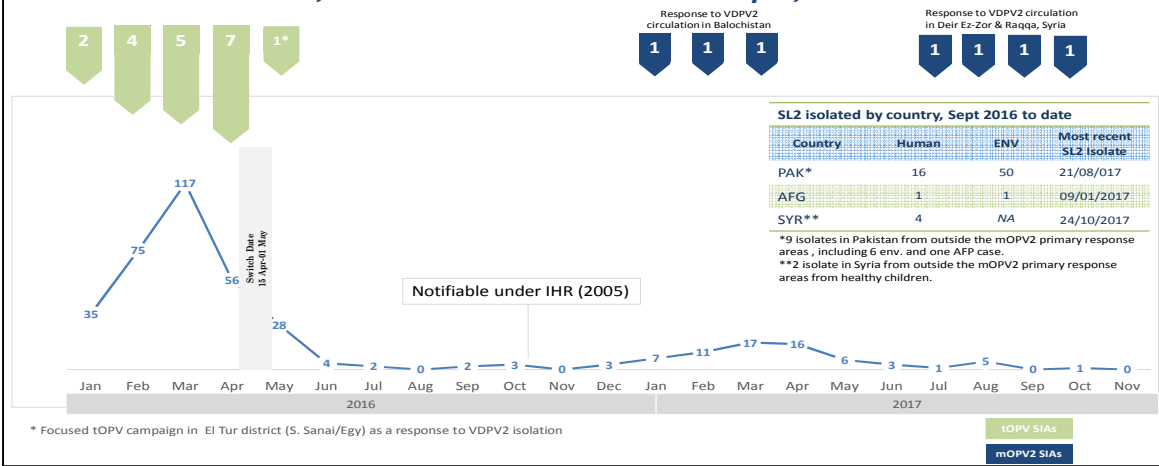
SL2

*Other: Healthy children, PIDs

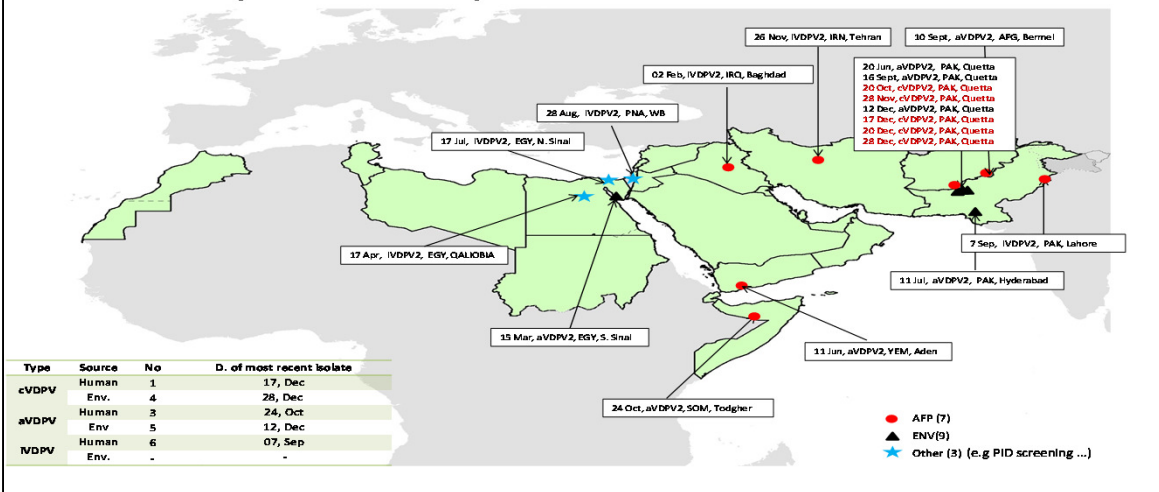
** VDPV2 isolated from index and contact at the sam



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



VDPV2 isolates, EMR countries, 2016



VDPV2 isolates, EMR countries, 2017

