



World Health Organization – Regional Office for Eastern Mediterranean

AFP SURVEILLANCE

Week 42, ending 22 October 2017

23-Oct-17

Number 994

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

Country	Reported AFP cases by week of onset - Week (42/17) / Ending on : 22/10/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	W31 06 Aug 17	W32 13 Aug 17	W33 20 Aug 17	W34 27 Aug 17	W35 03 Sep 17	W36 10 Sep 17	W37 17 Sep 17	W38 24 Sep 17	W39 01 Oct 17	W40 08 Oct 17	W41 15 Oct 17	W41 22 Oct 17
Afghanistan	2738	2905	2403	66	65	59	51	39	55	62	48	44	50	33	2
Bahrain	19	14	15	0	0	0	0	0	0	1	0	1	1	0	
Djibouti	3	3	4												
Egypt	1046	1092	1000	31	22	23	15	11	20	26	14	23	30	20	1
Iran	780	776	604	22	11	13	14	16	13	16	15	14	6	6	
Iraq	520	605	522	11	14	23	18	10	12	13	10	10	15	1	
Jordan ****	90	107	90	2	1	3	3	0	0	6	4	3	4	4	0
Kuwait	32	50	40	0	2	2	1	0	1	0	0	0	0	0	0
Lebanon ****	113	111	64	0	1	0	0	2	1	1	1	0	1	0	
Libya	54	70	68	1	0	2	0	1	1	2	3	0	1	2	
Morocco	79	84	97	1	1	3	2	6	0	2	1	2	4	1	
Oman	39	39	25	1	0	0	0	1	0	0	1	1	1	1	1
Pakistan	5814	7847	7419	200	175	207	155	138	198	191	157	120	103	19	
Palestine ****	38	46	31	0	0	1	0	0	1	1	2	0	2	2	
Qatar	11	9	13	0	0	1	0	0	0	0	0	0	0	1	0
Saudi Arabia	254	273	168	1	2	0	3	0	0	3	5	0	0	0	
Somalia	281	316	288	7	5	8	7	5	8	10	4	5	5	2	0
Sudan	436	509	425	16	13	10	5	9	14	14	14	12	8	3	0
Syria ****	235	303	282	15	10	14	7	4	5	0	7	7	3	4	
Tunisia	64	90	49	1	0	2	0	0	2	0	2	2	1	0	
U.A.E	31	42	40	0	1	1	0	1	0	1	0	1	2	3	0
Yemen	537	715	540	6	11	16	15	11	15	13	14	8	12	15	
Total EMR	13214	16006	14187	381	334	388	296	254	346	362	302	253	249	117	4

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	22/10		Confirmed polio cases by month of onset											
			2016	2017	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017
Afghanistan	20	13	12	7	0	1	2	1	0	1	0	1	1		1	
Bahrain	0	0	0	0	0	0	0	0	0	0	0	0		0		
Djibouti	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	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		
Libya	0	0	0	0	0	0										
Morocco	0	0	0	0	0											
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pakistan	54	20	18	5	1	1	1	1	0			1		2		
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								
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		
Syria ****	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	0		
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total EMR	74	33	30	12	1	2	3	2	0	1	0	2	1	2	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 (42/17) / Ending on : 22/10/2017

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	
		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	2403	7	0	170	2226	0	14.4	12	1	93.6	7	0	19/10/2017
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	15	0	0	3	12	0	6.4	0	0	100.0	0	0	19/10/2017
Djibouti	3	0	0	0	3	0	1.0	0	0	33.3	0	0	4	0	0	4	0	0	1.7	4	4	100.0	0	0	10/04/2017
Egypt	1092	0	0	0	1092	0	2.9	0	0	94.1	0	0	1000	0	0	140	859	1	3.3	1	0	90.5	0	0	19/10/2017
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	604	0	0	16	588	0	4.0	0	0	97.7	0	0	20/10/2017
Iraq	605	0	0	0	604	1	4.2	0	0	80.7	0	0	522	0	0	56	466	0	4.3	12	1	86.0	0	0	20/10/2017
Jordan	107	0	0	0	107	0	3.8	0	0	100.0	0	0	90	0	0	31	59	0	3.9	4	0	100.0	0	0	22/10/2017
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	40	0	0	4	36	0	5.7	0	0	87.5	0	0	22/10/2017
Lebanon	111	0	0	0	111	0	5.8	0	0	82.9	0	0	64	0	0	10	54	0	4.2	7	0	73.4	0	0	20/10/2017
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	68	0	0	10	58	0	4.1	3	3	95.6	0	0	21/10/2017
Morocco	84	0	0	0	84	0	0.8	0	0	61.9	0	0	97	0	0	35	62	0	1.1	20	0	66.0	0	0	20/10/2017
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	25	0	0	4	21	0	3.4	0	0	80.0	0	0	19/10/2017
Pakistan	7847	20	5	0	7820	2	10.0	0	0	87.4	20	0	7419	5	0	475	6939	0	11.8	121	14	88.2	5	0	21/10/2017
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	31	0	0	9	22	0	2.0	0	0	100.0	0	0	19/10/2017
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	13	0	0	1	12	0	5.4	0	0	92.3	0	0	22/10/2017
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	98.2	0	0	168	0	0	96	72	0	2.2	77	73	97.0	0	0	15/10/2017
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	288	0	0	11	277	0	6.2	0	0	99.0	0	0	22/10/2017
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	425	0	0	22	403	0	2.9	0	0	97.4	0	0	22/10/2017
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	282	0	1	32	197	52	4.5	4	0	81.6	0	0	20/10/2017
Tunisia	90	0	0	0	89	1	3.4	0	0	77.8	0	0	49	0	0	6	43	0	2.3	0	0	79.6	0	0	20/10/2017
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	40	0	0	6	34	0	4.9	0	0	95.0	0	0	22/10/2017
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	540	0	0	218	322	0	4.9	68	59	91.1	0	0	21/10/2017
EMR	16006	33	5	0	15960	8	6.4	0	0	89.7	33	0	14187	12	1	1359	12762	53	7.0	333	155	90.1	12	0	
2015	13214	74	15	1	13117	8	5.2	0	0	90.2	74	0													

Afghanistan non-polio AFP rates have been changed due to re-calculation of estimated population of below 15 years

* 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		127	343		1155	1		73	276	51
BAH							2					
DJI	9				9							
EGY	362			13	49	14	336			4	38	46
IRN	170			3	6		97			3		
IRQ	658			28	102	6	547			12	67	51
JOR							2					
KUW	78						8					2
LEB	210			11	2	20	49			2	3	15
LIB							4					1
MOR	82			1	7	7	58				4	3
OMA	102			1	7	2	65			1	13	7
PAK	2503	5		181	525		2914			160	666	136
PAL												
QAT												
SAA												
SOM	930		1	50	110		868			35	95	33
SUD	228				18	19	240			5	11	85
SYR	679			9	17		475		36	2	8	23
TUN	20				1	1	20				1	
UAE							2					
YEM	1723		2	37	277	5	1340			42	99	459
EMR	9207	13	3	461	1473	74	8182	1	36	339	1281	912

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 SHEL TAN	1	26-02-16	26-02-16	
			HILMAND	1	23-01-16	23-01-16	
			PAKTIKA	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	1	10-10-16	10-10-16	
PAK Total				2	03-09-16	10-10-16	
2017	AFG	HILMAND	NAWZAD	1	16-04-17	16-04-17	
			AFG Total				1



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Table 5: Laboratory investigation of AFP cases with paralysis onset in 2017 up to Week (42/17) / Ending on : (22/10/2017)

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	2359	198	30	506	1535	90		6	157						170		1	3			20%	99%	98%	98%	21/10/2017
Bahrain	PNL Oman	14					10	4														0%	100%		100%	17/10/2017
Djibouti	NPL Kenya	4						4																		10/04/2017
Egypt***	RRL Egypt	975	15	5	127	711	41	76		11			1		4			6	1			12%	100%	100%	99%	19/10/2017
Iran	NPL Iran	605	9		4	572	19	1		5					7							1%	99%	100%	99%	21/10/2017
Iraq	RRL Egypt	530	17		64	418	23	9		10					13							12%	100%	100%	100%	19/10/2017
Jordan	RRL EGYPT	90	1		6	77	6								3							8%	100%	100%	75%	22/10/2017
Kuwait	RRL Kuwait	49			3	44	1	1														4%	94%		98%	19/10/2017
Lebanon	NPL Jordan	62	1		5	55	1															9%	100%		100%	22/10/2017
Libya	RRL Tunisia	64			6	56	2															8%	100%		94%	17/10/2017
Morocco	NPL Morocco	80			7	67	5	1														8%	78%		91%	20/10/2017
Oman	NPL Oman	24			6	15	3															25%	95%		95%	17/10/2017
Pakistan	RRL Pakistan	7659	354	31	1711	5180	376	3	5	214			9		269			5				20%	99%	98%	97%	21/10/2017
Palestine & UNRWA		31			11	15	4	1														42%	20%		100%	19/10/2017
Qatar	NPL Oman	12					12															0%	100%		100%	17/10/2017
Saudi Arabia	NPL Oman	171	1		33	131		6														15%	99%		100%	17/09/2017
Somalia	NPL Kenya	288	19	4	39	215	6	5		14					19							16%	24%		100%	21/10/2017
Sudan	RRL Egypt	424	7		51	347	19	1		4					3		1					11%	100%	100%	100%	21/10/2017
Syria	RRL Egypt	280	43		10	211	15	1		2			1	28 *	5		22					3%	100%	100%	82%	19/10/2017
Tunisia	RRL Tunisia	54			5	46	3															7%	100%		98%	17/10/2017
U.A.E	NPL Oman	34	2		3	29				2					2							8%	100%	100%	44%	17/10/2017
Yemen	RRL Egypt	204	20	3	28	153				11					18		2					12%	100%	100%	37%	19/10/2017
Total EMR 2017		14013	687	73	2625	9899	618	109	11	430			10	29	513		23	17	1			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

** This indicator reflects surveillance and laboratory activities

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



Table 6: Environmental isolate by year and type

Country	Status	2010	2011	2012	2013	2014	2015	2016	2017
AFG	NEGATIVE				9	78	129	183	216
	PENDING								9
	WILD					17	20	2	16
AFG Total					9	95	149	185	241
EGY	NEGATIVE	183	178	196	304	410	412	528	354
	PENDING								67
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
EGY Total		183	178	206	307	413	415	529	421
JOR	NEGATIVE							2	21
	PENDING								4
JOR Total								2	25
LEB	NEGATIVE							4	16
	PENDING								2
LEB Total								4	18
PAK	NEGATIVE	77	68	151	257	237	347	462	395
	PENDING								39
	WILD	79	136	88	63	125	79	59	81
	WILD & VDPV2				2	6	5	3	1
	VDPV2					4	8	5	4
PAK Total		156	204	239	322	372	439	529	520
EMR	NEGATIVE	260	246	347	570	725	888	1179	1002
	PENDING								121
	WILD	79	136	90	63	142	99	61	97
	WILD & VDPV2				2	6	5	3	1
	VDPV1			1		1			0
VDPV2			7	3	6	11	6	4	
EMR Total		339	382	445	638	880	1003	1249	1225

Table 7: Environmental Wild/VDPV isolate by site

Year	Country	Status	Province	District	Count	First date	Last date
	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
				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
				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
	AFG	WILD1	HILMAND	LASHKARGAH	3	26-Apr	26-Sep
			KANDAHAR	KANDAHAR	7	26-Jan	5-Oct
			NANGARHAR	BEHSUD	1	24-Sep	24-Sep
			JALALABAD	5	24-Jan	23-Sep	
			AFG Total				
2017	PAK	WILD1	BALOCHISTAN	KABDULLAH	11	1-Jan	2-Oct
				LORALAI	1	17-Sep	17-Sep
				PISHIN	5	2-Jan	2-Oct
			ISLAMABAD	QUETTA	10	1-Jan	28-Jul
				CDA	5	10-Feb	10-Jul
				KHYBER PAKHTUNKHWA	PESHAWAR	5	10-Jan
			PUNJAB	MULTAN	1	9-Jan	9-Jan
				RAWALPINDI	7	10-Jan	15-Aug
				SINDH	JACOBABAD	2	11-Aug
			SINDH	KAMBAR	1	15-Aug	15-Aug
				KHIBALDIA	1	8-Aug	8-Aug
				KHIGADAP	17	9-Jan	11-Oct
				KHIGIQBAL	5	3-Feb	11-Sep
				KHILANDHI	5	16-Mar	19-Sep
				KHISITE	3	7-Aug	3-Oct
				SUKKUR	2	11-Apr	19-Sep
			WILD1+VDPV2	BALOCHISTAN	KABDULLAH	1	15-Jul
VDPV2	BALOCHISTAN	PISHIN	1	2-May	2-May		
	QUETTA	3	3-Apr	29-May			
PAK Total					86	1-Jan	11-Oct
2017 Total					102	1-Jan	11-Oct



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 22/10/2017

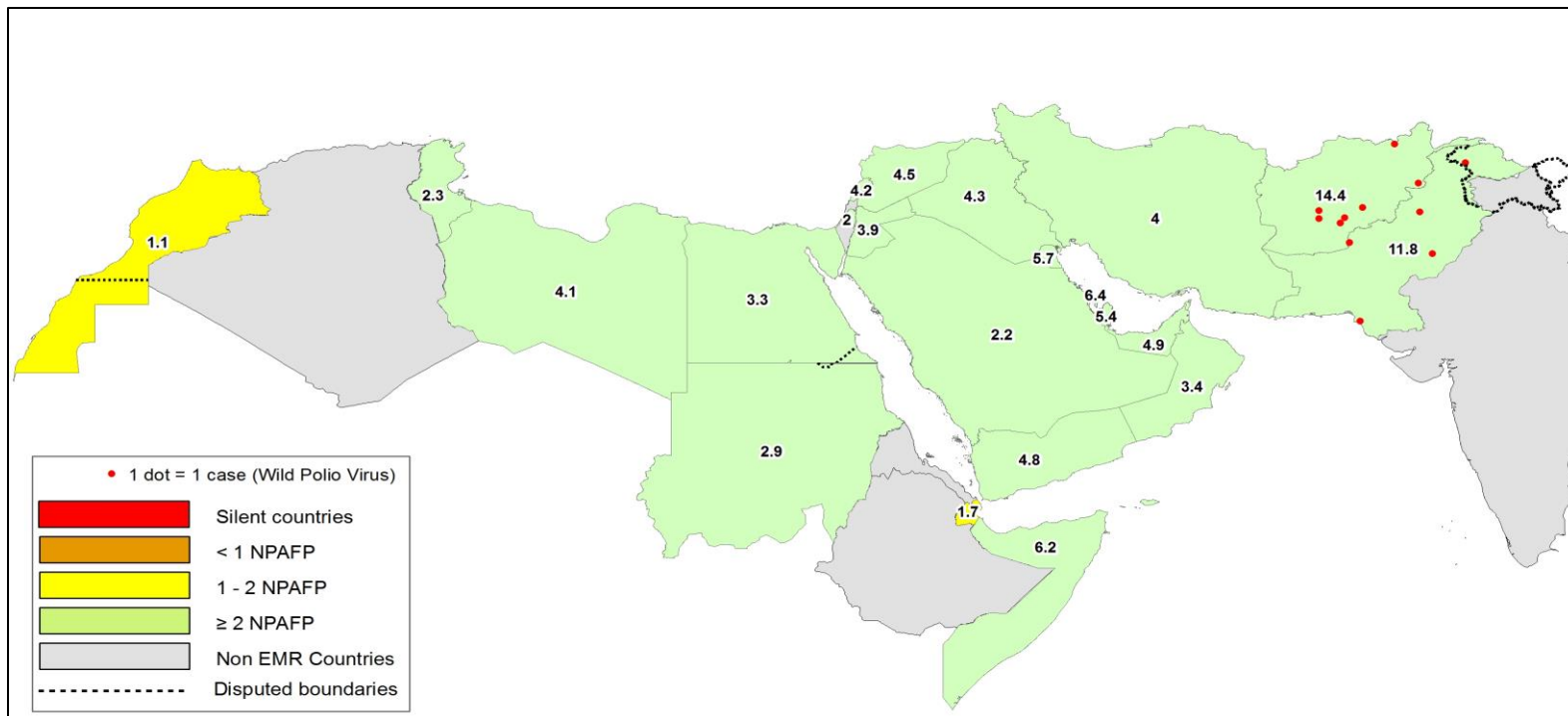


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 22/10/2017

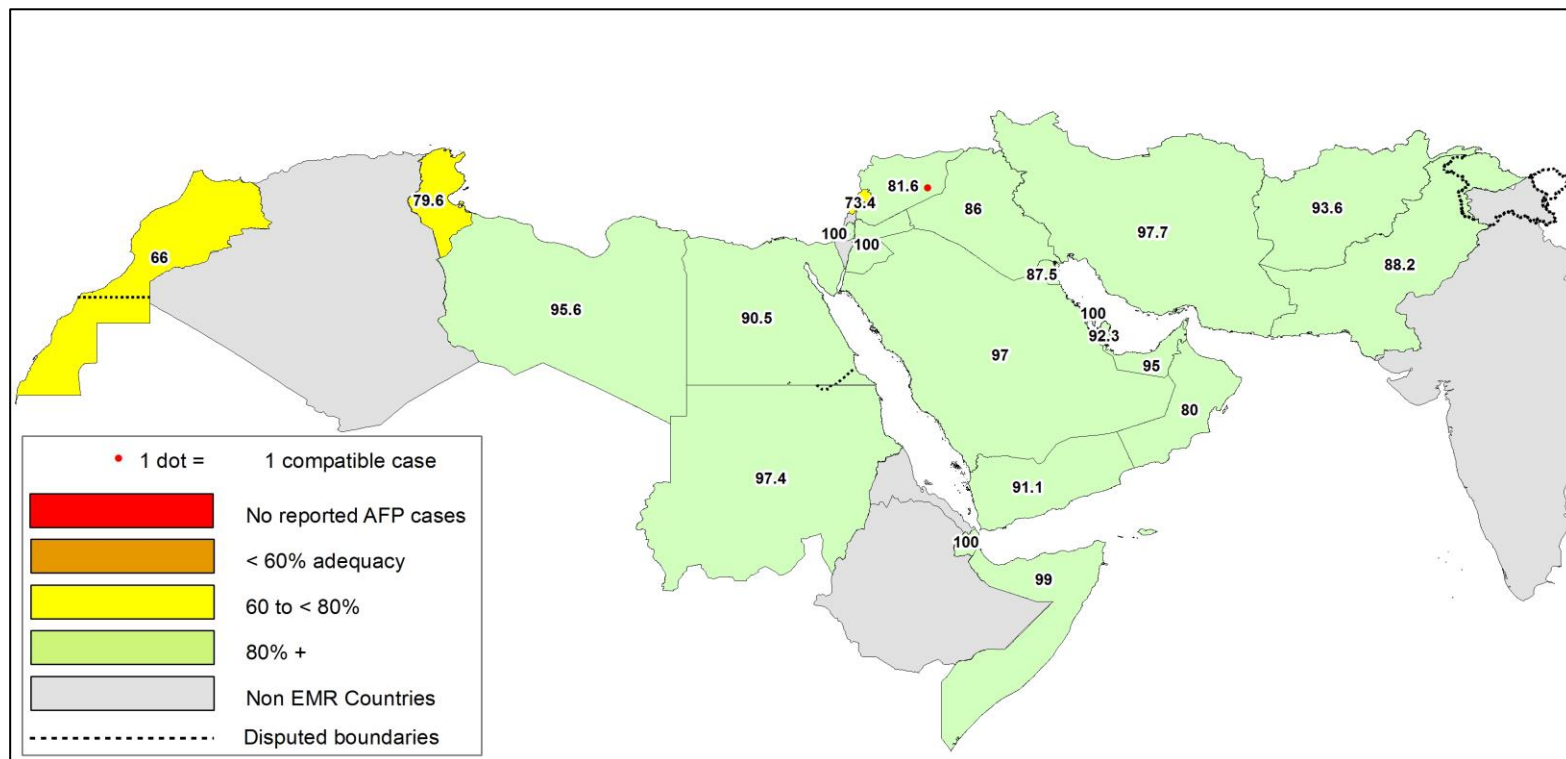


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017

Year	COUNTRY	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	7	13-01-17	15-09-17
	PAK	5	28-01-17	21-08-17
2017 Total		12	13-01-17	15-09-17

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 - 22/10/2017

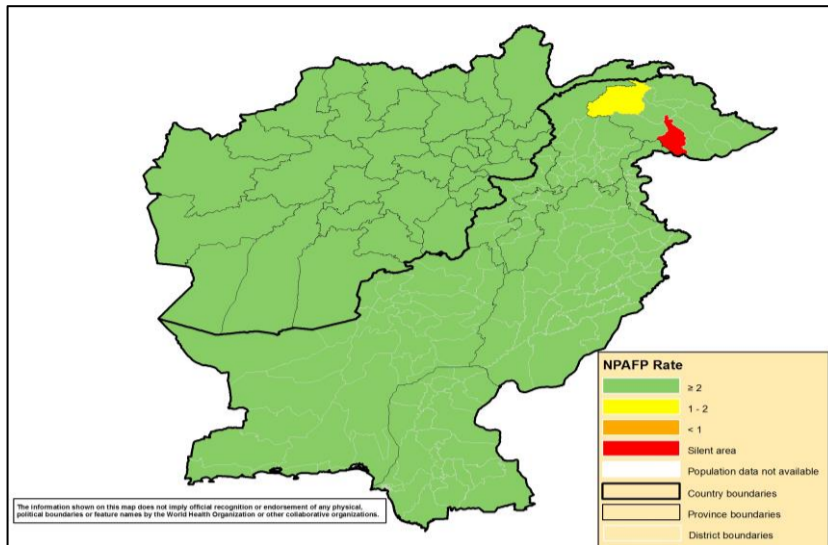


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan by Province & Pakistan by District 01/01/2017 - 22/10/2017

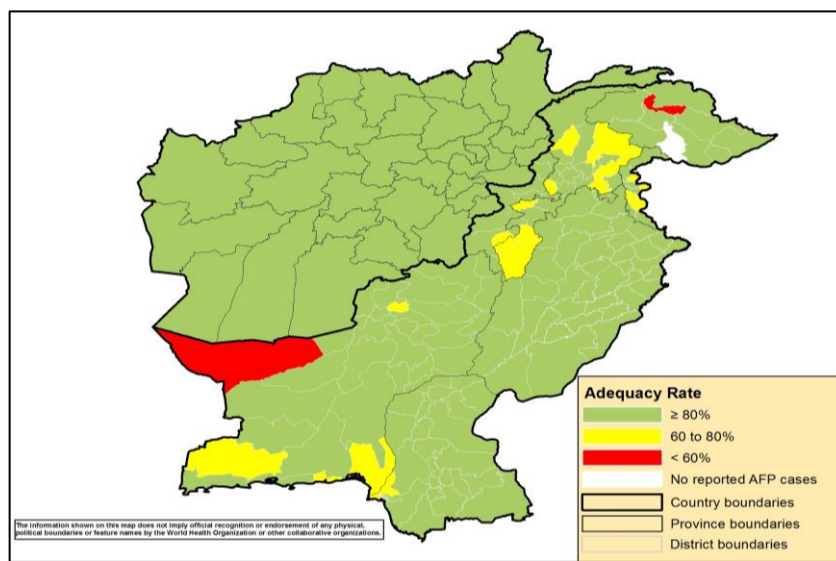
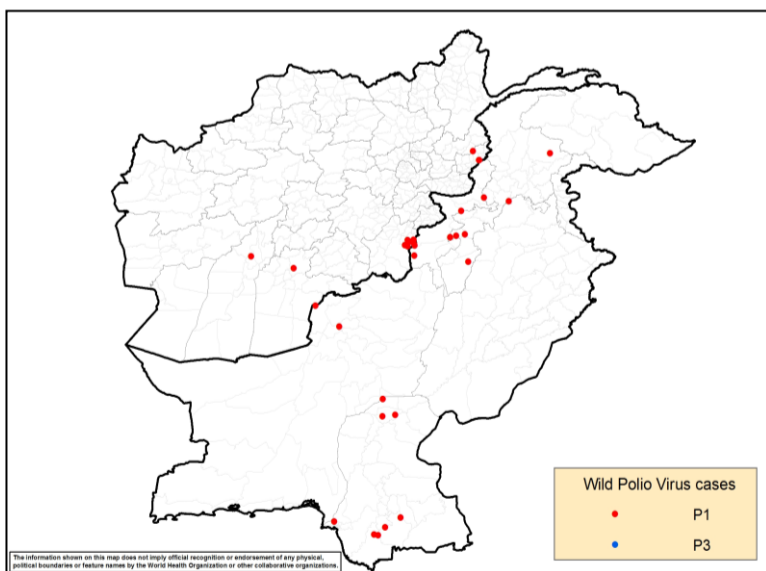
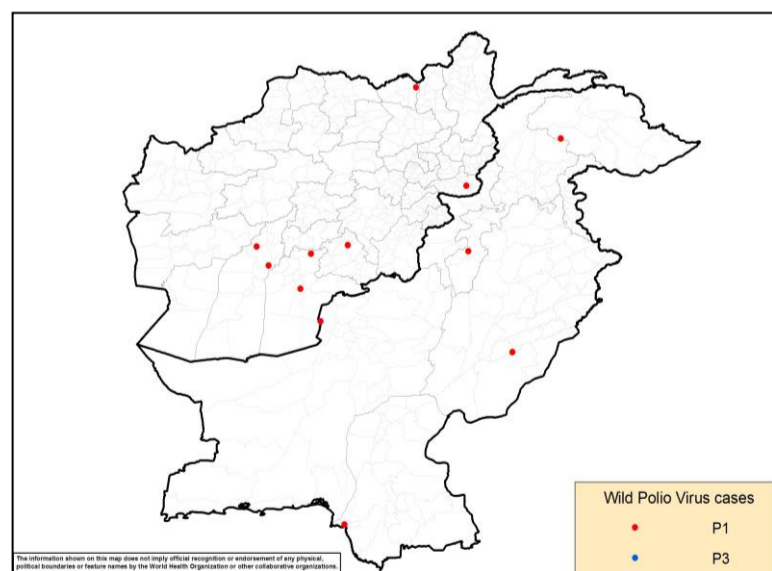


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

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



5b: 01/01/2017 - 22/10/2017



**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	NANGARHAR	BATIKOT	1	15-09-17	15-09-17
	ZABUL	ARGHANDAB (Z)	1	10-07-17	10-07-17
	KANDAHAR	SHAHWALIKOT	1	19-06-17	19-06-17
		KANDAHAR	KANDAHAR	1	13-01-17
	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			7	13-01-17	15-09-17

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
	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	
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	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	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	6	25-06-17	22-08-17
		DEIR_AL_ZOUR	MAYADEEN	42	05-03-17	25-08-17
		RAQUA	THAWRA	1	16-06-17	16-06-17
		RAQUA	TALABYAD	1	25-04-17	25-04-17
SYR Total				52	05-03-17	25-08-17
2017 Total				52	05-03-17	25-08-17



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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	May	Jun	Jul	Aug	Sep	Oct		
V2	S2	V2	S2	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																										
	Others*																										
	Others*																										
DJI	AFP																										
	Contact																										
	Others*																										
	Others*																										
EGY	AFP		1																								
	Contact												1														
	ENV		8																								
	Others*		1		1																						
IRN	AFP		1																								
	Contact																										
	Others*																										
	Others*																										
IRQ	AFP									1																	
	Contact																										
	Others*																										
	Others*																										
JOR	AFP																										
	Contact																										
	ENV																										
	Others*																										
KWT	AFP																										
	Contact																										
	Others*																										
	Others*																										
LEB	AFP																										
	Contact																										
	ENV																										
	Others*																										
LIB	AFP																										
	Contact																										
	Others*																										
	Others*																										
MOR	AFP																										
	Contact																										
	Others*																										
	Others*																										
OMA	AFP																										
	Contact																										
	Others*																										
	Others*																										
PAK	AFP		3					1					1	2								1					
	Contact		1																								
	ENV		9	1	3	1	1		1	1	2	1		3													
	Others*																										
PNA	AFP																										
	Contact																										
	Others*						1																				
	Others*																										
QAT	AFP																										
	Contact																										
	Others*																										
	Others*																										
SAA	AFP																										
	Contact																										
	Others*																										
	Others*																										
SUD	AFP																										
	Contact																										
	Others*																										
	Others*																										
SOM	AFP			1		1				1																	
	Contact																										
	Others*																										
	Others*																										
SYR	AFP		1																								
	Contact																										
	Others*																										
	Others*																										
TUN	AFP																										
	Contact																										
	Others*																										
	Others*																										
UAE	AFP																										
	Contact																										
	Others*																										
	Others*																										
YEM	AFP		1	1**																							
	Contact		1	1**																							
	Others*																										
	Others*																										
EMR	AFP		8	1	1		1			2	1	1	1	1		1	3		1	1	3						
	Contact		3	1																							
	ENV		17	1	3	1	1			1	1	1	2	1		3											
	Others*		1			1	1																				
VDPV2		SL2																									
*Other: Healthy children, PIDs																											
** VDPV2 isolated from index and contact at the sam																											

