



AFP SURVEILLANCE

22-May-17

Week 20, ending 21 May 2017

Number 972

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

Country	Reported AFP cases by week of onset - Week (20/17) / Ending on : 21/05/2017														
	Total AFP 2015	Total AFP 2016	Total AFP to date, 2017	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	W16 23 Apr 17	W17 30 Apr 17	W18 07 May 17	W19 14 May 17	W20 21 May 17
Afghanistan	2738	2905	1157	77	41	52	68	70	63	77	58	47	66	55	16
Bahrain	19	14	9	2	0	0	0	1	2	0	0	1	0	0	0
Djibouti	3	3	4	1	0	1	0	0	0						
Egypt	1046	1092	478	26	20	28	26	26	30	21	21	21	24	26	
Iran	780	776	253	15	10	6	12	16	12	20	21	12	7	6	0
Iraq	520	605	236	14	12	14	13	9	12	20	9	8	8	4	
Jordan ****	90	107	36	2	2	2	2	1	3	2	3	2	0	0	
Kuwait	32	50	27	0	0	7	2	3	2	2	0	1	1	1	0
Lebanon ****	113	111	35	2	2	1	1	1	1	2	1	0	2	1	
Libya	54	70	38	2	2	0	4	4	0	4	1	0	1	2	
Morocco	79	83	42	4	5	1	2	1	1	3	5	1	1	2	
Oman	39	39	8	1	0	0	0	2	0	0	1	0	0	0	0
Pakistan	5814	7847	3249	200	184	195	172	180	163	223	177	125	107	28	0
Palestine ****	38	46	11	0	1	1	0	0	0	1	0	0	0	0	0
Qatar	11	9	6	0	0	0	0	0	0	1	0	0	0	0	0
Saudi Arabia	254	273	100	2	6	7	4	5	2	7	5	8	6	0	0
Somalia	281	316	145	7	12	8	9	8	6	8	6	10	5	5	0
Sudan	436	509	190	6	15	8	14	6	5	5	11	14	15	8	0
Syria ****	235	303	107	5	5	6	5	9	4	8	2	5	8	6	
Tunisia	64	90	19	4	1	0	1	0	0	0	0	2	1	0	
U.A.E	31	42	24	2	3	0	1	1	0	1	2	2	0	2	0
Yemen	537	715	288	25	19	17	19	12	19	12	9	11	14	11	1
Total EMR	13214	16005	6462	397	340	354	355	355	325	417	332	270	266	157	17

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2015	Total year 2016	21/05		Confirmed polio cases by month of onset											
			2016	2017	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017
Afghanistan	20	13	5	3	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					
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	0	
Iraq	0	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	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	0	0	
Libya	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	0	
Pakistan	54	20	11	2	2	1	2	2	2	1	1	1	1			
Palestine ****	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	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		
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				
Total EMR	74	33	16	5	2	1	2	4	4	1	2	3	2	0	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 (20/17) / Ending on : 21/05/2017

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	1157	3	0	226	928	0	14.5	20	7	93.2	3	0	21-05-2017		
Bahrain	14	0	0	0	14	0	4.9	0	0	100.0	0	0	9	0	0	5	4	0	8.0	0	0	100.0	0	0	21-05-2017		
Djibouti	3	0	0	0	3	0	1.0	0	0	33.3	0	0	4	0	0	4	0	0	3.5	2	2	100.0	0	0	10-04-2017		
Egypt	1092	0	0	1	1091	0	2.9	1	0	94.1	0	0	478	0	0	107	370	1	3.2	1	0	90.2	0	0	18-05-2017		
Iran	776	0	0	0	775	1	4.2	0	0	95.5	0	0	253	0	0	9	244	0	3.5	0	0	96.4	0	0	21-05-2017		
Iraq	605	0	0	1	603	1	4.2	1	0	80.7	0	0	236	0	0	35	201	0	4.1	6	0	88.6	0	0	20-05-2017		
Jordan	107	0	0	0	107	0	3.8	0	0	100.0	0	0	36	0	0	23	13	0	3.2	3	0	100.0	0	0	18-05-2017		
Kuwait	50	0	0	0	50	0	5.7	0	0	90.0	0	0	27	0	0	3	24	0	8.0	0	0	85.2	0	0	21-05-2017		
Lebanon	111	0	0	3	108	0	5.8	3	0	82.9	0	0	35	0	0	9	26	0	4.8	1	0	77.1	0	0	19-05-2017		
Libya	70	0	0	0	70	0	3.4	0	0	97.1	0	0	38	0	0	9	29	0	4.8	4	2	92.1	0	0	20-05-2017		
Morocco	83	0	0	0	83	0	0.8	0	0	61.4	0	0	42	0	0	19	23	0	1.0	2	0	61.9	0	0	14-05-2017		
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	8	0	0	5	3	0	2.1	0	0	87.5	0	0	21-05-2017		
Pakistan	7847	20	5	14	7806	2	10.0	14	6	87.4	20	0	3249	2	0	397	2850	0	10.8	63	2	89.6	2	0	21-05-2017		
Palestine	46	0	0	0	46	0	2.4	0	0	97.8	0	0	11	0	0	2	9	0	1.5	0	0	100.0	0	0	21-05-2017		
Qatar	9	0	0	0	9	0	3.0	0	0	100.0	0	0	6	0	0	2	4	0	5.2	0	0	83.3	0	0	21-05-2017		
Saudi Arabia	273	0	0	0	273	0	2.8	0	0	98.2	0	0	100	0	0	83	17	0	2.7	27	27	99.0	0	0	14-05-2017		
Somalia	316	0	0	0	315	1	5.5	0	0	99.1	0	0	145	0	0	15	130	0	6.5	0	0	97.9	0	0	21-05-2017		
Sudan	509	0	0	0	509	0	2.8	0	0	97.6	0	0	190	0	0	30	160	0	2.7	1	0	98.9	0	0	21-05-2017		
Syria	303	0	0	0	303	0	3.9	0	0	87.8	0	0	107	0	0	25	82	0	3.5	0	0	89.7	0	0	20-05-2017		
Tunisia	90	0	0	0	89	1	3.4	0	0	77.8	0	0	19	0	0	4	15	0	1.8	1	1	68.4	0	0	19-05-2017		
U.A.E	42	0	0	0	42	0	4.2	0	0	100.0	0	0	24	0	0	8	16	0	6.1	0	0	87.5	0	0	21-05-2017		
Yemen	715	0	0	0	714	1	5.4	0	0	90.9	0	0	288	0	0	90	198	0	5.4	3	0	91.7	0	0	20-05-2017		
EMR	16005	33	5	19	15940	8	6.4	19	6	89.8	33	0	6462	5	0	1110	5346	1	6.7	134	41	91.0	5	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

VDPV2 is isolated from an AFP case 22 months of age from Mayadeen district of Deir Ez-Zor province, Syria. Field and clinical investigation are in progress



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Table 4 (a): Lab results of contacts' samples in EMR, 2016 - 2017

COUNTRY	2016						2017					
	# OF CONTACTS	WILD	VDPV	SL	NPEV	PENDING	# OF CONTACTS	WILD	VDPV	SL	NPEV	PENDING
AFG	1453	8		127	343		554			39	89	71
BAH							2					
DJI	9				9							
EGY	362			13	49	14	138			4	5	33
IRN	170			3	6		35			1		
IRQ	658			28	102	6	197			8	21	21
JOR												
KUW	78						8					2
LEB	210			11	2	20	17			1	3	3
LIB							4					1
MOR	82			1	7	7	11					
OMA	102			1	7	2	21				4	1
PAK	2503	5		181	525		1387			88	219	87
PAL												
QAT												
SAA												
SOM	930		1	50	110		440			23	51	43
SUD	228				18	19	82			1	1	51
SYR	679			9	17		245			1	1	13
TUN	20				1	1	7					1
UAE												
YEM	1723		2	37	277	5	793			7	38	500
EMR	9207	13	3	461	1473	74	3941			173	432	827

Table 4 (B): Most recent wild contacts in EMRO, 2016 - 2017

Year	Country	Data	Date of Most Recent stool collection
		Count of wild contacts	
2016	Pakistan	5	25-11-16
	Afghanistan	4	07-10-16
2016 Total		9	25-11-16

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	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 (20/17) / Ending on : (21/05/2017)

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	1107	105	14	141	727	120		3	82							85			1			13%	100%	99%	98%	20/05/2017
Bahrain	PNL Oman	8				8																0%	100%		100%	17/05/2017	
Djibouti	NPL Kenya	4					4																			10/04/2017	
Egypt***	RRL Egypt	461	4	1	38	275	35	108	2			1	1						2			9%	100%	100%	100%	21/05/2017	
Iran	NPL Iran	259	3		3	236	16	1	2								2					1%	99%	100%	100%	20/05/2017	
Iraq	RRL Egypt	240	17		28	171	20	4	10								12					12%	100%	100%	100%	18/05/2017	
Jordan	RRL EGYPT	37	1		4	31	1										1					11%	97%	100%	100%	21/05/2017	
Kuwait	RRL Kuwait	27			1	24		2														2%	92%		100%	08/05/2017	
Lebanon	NPL Jordan	33	1		3	28	1															13%	100%			21/05/2017	
Libya	RRL Tunisia	33			1	32																1%	100%		91%	12/05/2017	
Morocco	NPL Morocco	30			1	26		3														3%	100%		100%	12/05/2017	
Oman	NPL Oman	9			4	4	1															28%	100%		100%	18/05/2017	
Pakistan	RRL Pakistan	3400	195	9	511	2414	271		2	115		7					137			2		14%	100%	100%	97%	20/05/2017	
Palestine & UNRWA		11			5	6																45%	10%		100%	21/05/2017	
Qatar	NPL Oman	6				6																0%	100%		100%	17/05/2017	
Saudi Arabia	NPL Oman	97			14	69	6	8														12%	98%		100%	14/05/2017	
Somalia	NPL Kenya	145	14	2	18	97	8	6	9								12				2	15%	30%		99%	21/05/2017	
Sudan	RRL Egypt	190	7		18	143	22		1													9%	100%	100%	100%	21/05/2017	
Syria	RRL Egypt	94	3		2	83	5	1	1								2					1%	100%	100%	100%	18/05/2017	
Tunisia	RRL Tunisia	23			1	16	2	4														4%	100%		100%	12/05/2017	
U.A.E	NPL Oman	16	1		2	13			1								1					13%	100%	100%	50%	17/05/2017	
Yemen	RRL Egypt	204	2	2	10	75		115	2								3		2			13%	99%	100%	30%	21/05/2017	
Total EMR 2017		6434	353	28	805	4484	508	256	5	225		7	1				256		7		2	12%	98%	100%	97%		
Total EMR 2016		15751	823	93	2781	12039		12	28	483		86	6				566	1	2	23	3	15%	95%	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	90
	PENDING								12
	WILD					17	20	2	5
AFG Total					9	95	149	185	107
EGY	NEGATIVE	183	178	196	304	410	412	528	162
	PENDING								19
	WILD			2					
	VDPV1			1		1			
	VDPV2			7	3	2	3	1	
EGY Total		183	178	206	307	413	415	529	181
JOR	NEGATIVE							2	10
	PENDING								4
JOR Total								2	14
LEB	NEGATIVE							4	6
	PENDING								2
LEB Total								3	8
PAK	NEGATIVE	77	68	151	257	237	347	462	172
	PENDING								29
	WILD	79	136	88	63	125	79	59	42
	WILD & VDPV2				2	6	5	3	
	VDPV2					4	8	5	3
PAK Total		156	204	239	322	372	439	529	246
EMR	NEGATIVE	260	246	347	570	725	888	1179	440
	PENDING								66
	WILD	79	136	90	63	142	99	61	47
	WILD & VDPV2				2	6	5	3	
	VDPV1			1		1			
VDPV2			7	3	6	11	6	3	
EMR Total		339	382	445	638	880	1003	1248	556

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	
	PAK	WILD1	BALOCHISTAN	KHYBER PAKHTUNKHWA	KABDULLAH	6	15-Jan	2-Dec
					PISHIN	4	2-Aug	16-Sep
					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	
SINDH			MULTAN	2	8-Nov	8-Dec		
			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		
WILD1+VDPV2	BALOCHISTAN	SUKKUR	3	12-Jan	19-Mar			
		QUETTA	3	20-Oct	12-Dec			
	BALOCHISTAN	QUETTA	4	20-Jun	28-Dec			
VDPV2	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	1	26-Apr	26-Apr	
			KANDAHAR	KANDAHAR	2	26-Jan	9-Mar	
			NANGARHAR	JALALABAD	2	24-Jan	25-Mar	
	AFG Total				5	24-Jan	26-Apr	
	PAK	WILD1	BALOCHISTAN	KHYBER PAKHTUNKHWA	KABDULLAH	8	1-Jan	1-May
					PISHIN	4	2-Jan	3-Apr
					QUETTA	7	1-Jan	20-Apr
				PUNJAB	ISLAMABAD	4	10-Feb	10-May
					PESHAWAR	3	10-Jan	10-Apr
			SINDH	MULTAN	1	9-Jan	9-Jan	
				RAWALPINDI	4	10-Jan	10-May	
				KHIGADAP	5	9-Jan	10-Apr	
				KHIGIQBAL	3	3-Feb	8-Apr	
				KHILANDHI	2	16-Mar	12-Apr	
	VDPV2	BALOCHISTAN	KHYBER PAKHTUNKHWA	SUKKUR	1	11-Apr	11-Apr	
				PISHIN	1	2-May	2-May	
QUETTA				2	3-Apr	1-May		
PAK Total				45	1-Jan	10-May		
2017 Total				50	1-Jan	10-May		



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2017 - 21/05/2017

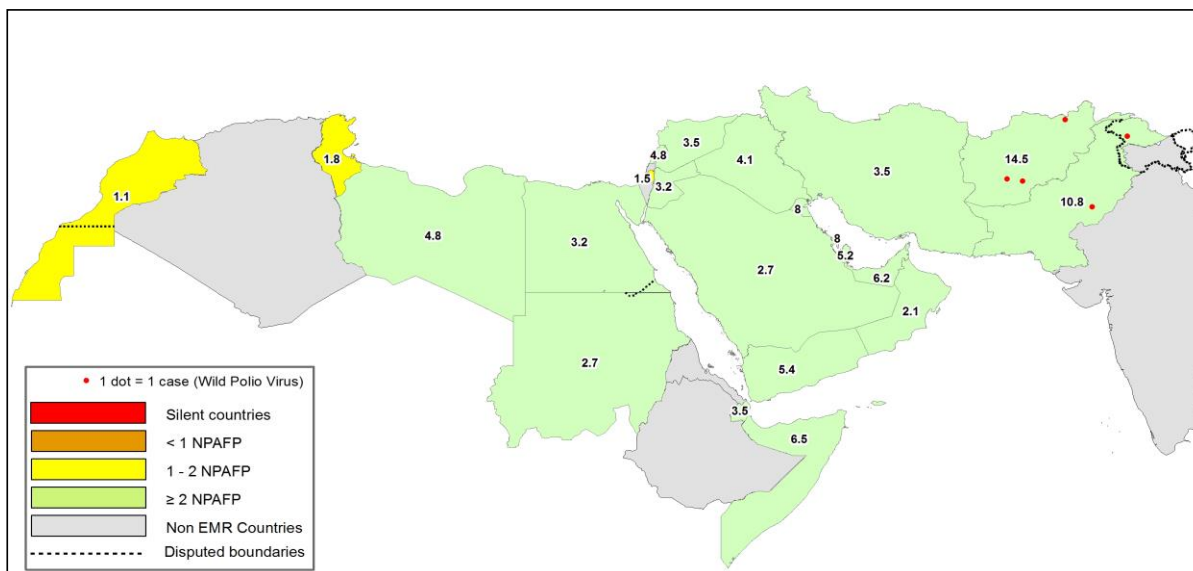


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2017 - 21/05/2017

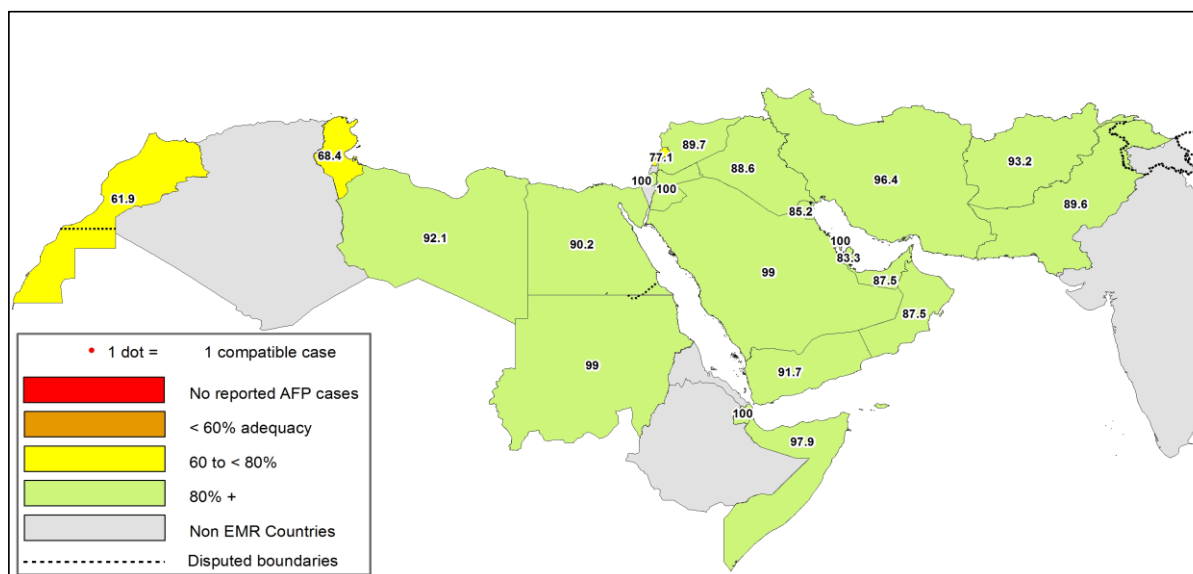


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2016 - 2017

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 - 21/05/2017

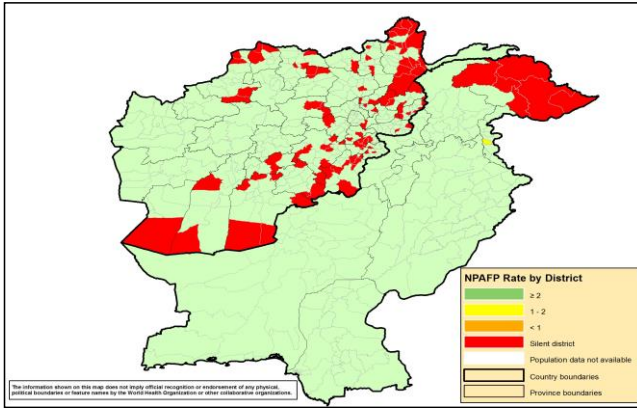


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2017 - 21/05/2017

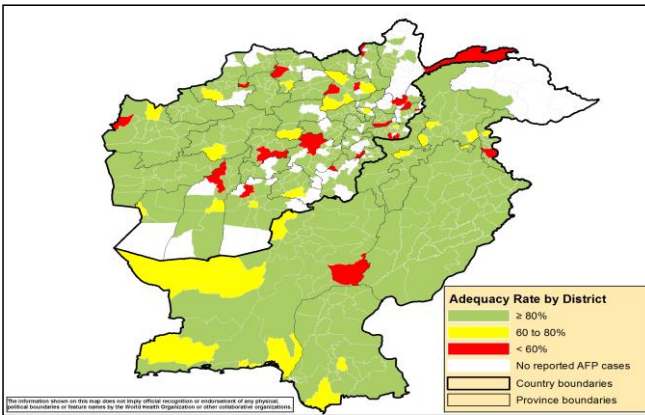
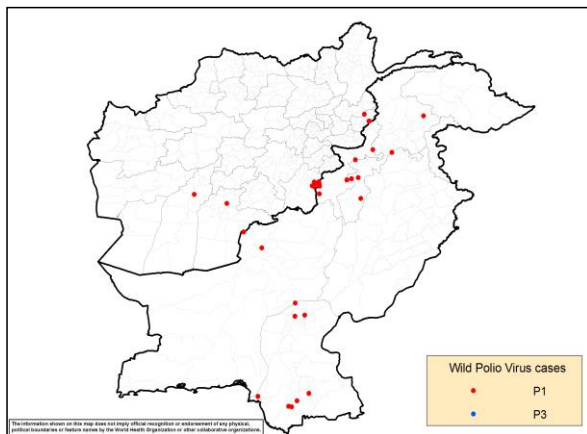


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

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



5b: 01/01/2017 - 21/05/2017

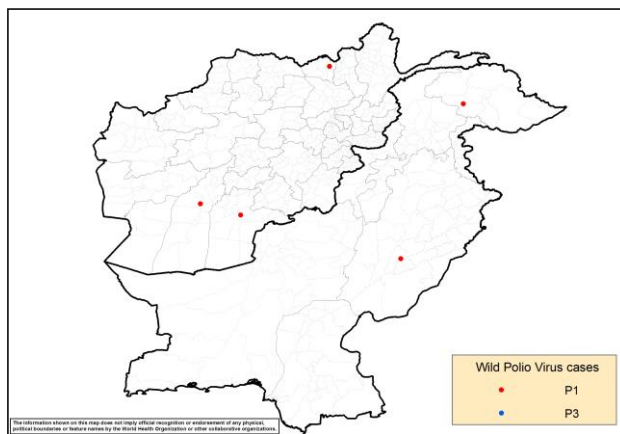




Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2016-2017

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
	KAN DAHAR	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
	KAN DAHAR	KAN DAHAR	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
	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	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



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	
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																										
	ENV																										
	Others*																										
DJI	AFP																										
	Contact																										
	ENV																										
	Others*																										
EGY	AFP		1																	1							
	Contact																										
	ENV		8																								
	Others*		1			1																					
IRN	AFP		1											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							1							1	2				5			1		
	Contact		1																			1			2		
	ENV		9	1	3	1	1			1	1	1	2	1		3					5	9	11	1	8	2	1
	Others*																									2	
PNA	AFP																										
	Contact																										
	ENV																										
	Others*																										
QAT	AFP																										
	Contact																										
	ENV																										
	Others*																										
SAA	AFP																										
	Contact																										
	ENV																										
	Others*																										
SUD	AFP																										
	Contact																										
	ENV																										
	Others*																										
SOM	AFP				1		1					1															
	Contact																										
	ENV																										
	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					2	1	1	1	1		1	3				1	1		5		1	
	Contact		3	1																							2
	ENV		17	1	3	1	1			1	1	1	2	1		3					6	9	11	1	8	2	1
	Others*		1			1		1																		2	

VDPV2
 *Other: Healthy children, PIDs
 ** VPDP2 isolated from index and contact at the same time

