



World Health Organization – Regional Office for Eastern Mediterranean

AFP SURVEILLANCE

18-Jul-16

Week 28 ending 17 Jul 2016

Number 928

Table 1: Acute Flaccid Paralysis (AFP) cases by week of onset up to Week (28/16) / Ending on : 17/07/16

Country	Total AFP 2014	Total AFP 2015	Total AFP to date, 2016	17/07													
				W 17 01 May 16	W 18 08 May 16	W 19 15 May 16	W 20 22 May 16	W 21 29 May 16	W 22 05 Jun 16	W 23 12 Jun 16	W 24 19 Jun 16	W 25 26 Jun 16	W 26 03 Jul 16	W 27 10 Jul 16	W 28 17 Jul 16		
Afghanistan	2421	2738	1540	52	59	61	52	63	54	65	56	61	57	46	8		
Bahrain	16	19	11	0	0	0	0	0	0	0	0	0	0	0	0		
Djibouti	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
Egypt	1000	1046	569	22	27	19	20	21	20	12	15	18	8	16	2		
Iran	753	780	402	11	18	18	14	16	15	16	22	13	5	5	0		
Iraq	590	520	328	6	11	18	6	6	9	2	14	5	3	1	0		
Jordan ****	62	90	57	2	4	0	3	5	4	4	1	2	1	1	0		
Kuwait	32	32	22	1	3	1	0	1	0	0	0	0	0	0	0		
Lebanon ****	50	113	52	3	2	3	0	1	1	0	0	2	3	2	1		
Libya	43	54	22	1	2	3	0	0	0	0	0	0	0	0	0		
Morocco	103	79	31	0	1	1	2	2	2	1	0	0	0	0	0		
Oman	34	39	14	0	0	0	0	0	0	0	0	0	0	0	0		
Pakistan	5370	5814	3084	125	145	138	142	118	125	125	123	92	61	7	0		
Palestine ****	21	38	29	4	1	1	0	0	2	0	0	0	0	0	0		
Qatar	7	11	4	0	0	0	0	1	0	1	0	0	0	0	0		
Saudi Arabia	227	254	145	10	9	6	3	3	4	4	3	1	0	0	0		
Somalia	420	281	165	7	12	7	10	2	12	1	4	12	1	1	0		
Sudan	442	436	253	8	7	14	13	7	6	9	11	12	8	4	0		
Syria ****	306	235	145	4	7	7	4	3	2	3	3	2	3	0	0		
Tunisia	44	64	45	1	3	1	3	0	2	0	1	0	0	0	0		
U.A.E	25	31	22	1	0	0	1	2	0	1	1	0	0	0	0		
Yemen	578	537	379	4	14	15	16	29	15	11	18	16	6	5	0		
Total EMR	12547	13214	7322	262	325	313	289	280	273	255	272	236	156	88	11		

No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2014	Total year 2015	17/07		Confirmed polio cases by month of onset											
			2015	2016	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	Mar 2016	April 2016	May 2016	June 2016	July 2016
Afghanistan	28	20	7	6	3	3	4	2	1	1	2	1	1	1	0	0
Bahrain	0	0	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	0	0	0	0	0
Egypt	0	0	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	0
Iraq	2	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	0
Kuwait	0	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	0
Libya	0	0	0	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	0	0	0
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pakistan	306	54	29	13	5	4	4	9	3	2	4	2	3	0	2	0
Palestine ****	0	0	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	0
Saudi Arabia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somalia	5	0	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	0	0
Syria ****	1	0	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	0	0
U.A.E	0	0	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	0	0
Total EMR	342	74	36	19	8	7	8	11	4	3	6	3	4	1	2	0

**** UNRWA cases are included with those of country of residence



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Table 3: Investigation of AFP cases with paralysis onset in 2015 & 2016 up to Week (28/16) / Ending on : 17/07/16

COUNTRY	2015												2016												Latest line List Date
	AFP									Specimen	Wild cases ****		AFP									Specimen	Wild cases ****		
	Total AFP cases onset 2015	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 2016	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				Polio Compatible					Pending Classification	Discarded (non polio AFP)	VDPV								
Afghanistan	2738	20	3	0	2715	0	13.8	0	0	93.0	20	0	1540	6	0	195	1339	0	14.3	26	0	91.9	6	0	17/07/16
Bahrain	19	0	0	0	19	0	7.0	0	0	94.7	0	0	11	0	0	3	8	0	7.4	3	1	100.0	0	0	18/07/16
Djibouti	3	0	0	0	3	0	1.0	0	0	66.7	0	0	3	0	0	2	1	0	1.9	2	0	33.3	0	0	03/07/16
Egypt	1046	0	0	0	1045	1	3.0	0	0	94.2	0	0	569	0	0	72	497	0	2.7	0	0	91.9	0	0	14/07/16
Iran	780	0	0	0	779	1	4.3	0	0	96.9	0	0	402	0	0	19	383	0	4.0	0	0	95.0	0	0	17/07/16
Iraq	520	0	0	0	518	2	3.6	0	0	81.9	0	0	328	0	0	38	289	1	4.1	14	2	82.0	0	0	05/07/16
Jordan	90	0	0	0	90	0	3.2	0	0	96.7	0	0	57	0	0	26	31	0	3.8	0	0	98.2	0	0	14/07/16
Kuwait	32	0	0	0	32	0	3.7	0	0	96.9	0	0	22	0	0	8	14	0	4.6	1	1	95.5	0	0	05/06/16
Lebanon	113	0	0	0	113	0	5.2	0	0	84.1	0	0	52	0	0	13	39	0	4.4	5	0	80.8	0	0	10/07/16
Libya	54	0	0	0	54	0	2.6	0	0	94.4	0	0	22	0	0	8	14	0	2.0	3	2	95.5	0	0	31/05/16
Morocco	79	0	0	1	78	0	0.8	1	0	57.0	0	0	31	0	0	13	18	0	0.5	5	0	64.5	0	0	28/06/16
Oman	39	0	0	0	39	0	4.5	0	0	97.4	0	0	14	0	0	1	13	0	3.0	1	0	92.9	0	0	04/07/16
Pakistan	5814	54	10	1	5745	4	7.4	1	0	87.2	54	0	3084	13	0	327	2744	0	7.2	30	2	90.5	13	0	11/07/16
Palestine	38	0	0	0	38	0	2.2	0	0	92.1	0	0	29	0	0	4	25	0	2.8	0	0	96.6	0	0	17/07/16
Qatar	11	0	0	0	11	0	3.7	0	0	100.0	0	0	4	0	0	2	2	0	2.5	0	0	100.0	0	0	17/07/16
Saudi Arabia	254	0	0	0	254	0	2.7	0	0	98.0	0	0	145	0	0	52	93	0	2.8	10	10	100.0	0	0	14/07/16
Somalia	281	0	1	0	280	0	4.9	0	0	96.1	0	0	165	0	0	13	152	0	5.2	0	0	99.4	0	0	16/07/16
Sudan	436	0	0	0	436	0	2.6	0	0	97.2	0	0	253	0	0	26	227	0	2.7	0	0	98.0	0	0	17/07/16
Syria	235	0	0	0	235	0	3.0	0	0	90.2	0	0	145	0	0	13	132	0	3.4	1	0	90.3	0	0	14/07/16
Tunisia	64	0	0	0	64	0	2.4	0	0	85.9	0	0	45	0	0	4	41	0	3.1	0	0	88.9	0	0	15/07/16
U.A.E	31	0	0	0	31	0	3.0	0	0	90.3	0	0	22	0	0	5	17	0	4.0	0	0	100.0	0	0	30/06/16
Yemen	537	0	0	18	519	0	4.1	18	10	90.7	0	0	379	0	0	135	244	0	5.4	66	61	91.6	0	0	17/07/16
EMR	13214	74	14	20	13098	8	5.4	20	10	90.2	74	0	7322	19	0	979	6323	1	5.4	167	79	91.4	19	0	
2014	12546	342	59	0	12116	30	4.9	0	0	90.7	342	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



Table 4: Investigation of contacts of AFP cases with paralysis onset in 2016 up to Week (28/16) / Ending on : 17/07/16

Country	No. of AFP cases	No. of eligible AFP cases for contact sampling*	% of eligible AFP cases with contact samplings	% of eligible AFP cases with 3+ contacts	Total number of Contacts*	% of contacts under 5 years	% of contacts with specimens collected within 7 days of notification of index	% Contact specimens in lab within 3 days of collection	% Contact specimens positive for NPEV	% Contact specimens positive for Sabin like virus	No. of contacts positive for wild virus	% of wild polio virus isolation from contacts	No. of Contacts positive for VDPVs	No. of -ve index AFP cases identified positive by contact	No. of district identified infected from contacts
Afghanistan	1540	125	84.8	84.8	655	96.3	62.0	28.2	22.3	9.4	3	0.5		2	1
Bahrain	11	0			0						0			0	0
Djibouti	3	2	50.0	50.0	3	33.3	100.0				0			0	0
Egypt	569	55	61.8	61.8	164	75.0	64.6	95.9	11.0	6.9	0	0.0		0	0
Iran	402	22	72.7	63.6	89	62.9	29.2	83.1	3.4	0.0	0	0.0		0	0
Iraq	328	59	66.1	57.6	425	62.4	18.4	89.1	15.9	4.0	0	0.0		0	0
Jordan	57	1	0.0	0.0	0						0			0	0
Kuwait	22	1	100.0	100.0	31	51.6	74.2	100.0	0.0	0.0	0	0.0		0	0
Lebanon	52	10	10.0	10.0	4	75.0	25.0	0.0	0.0	0.0	0	0.0		0	0
Libya	22	1	0.0	0.0	0						0			0	0
Morocco	31	11	36.4	36.4	22	59.1	40.9	40.9	9.1	0.0	0	0.0		0	0
Oman	14	1	0.0	0.0	22	86.4	68.2	86.4	0.0	4.5	0	0.0		0	0
Pakistan	3084	294	81.6	78.9	828	89.0	62.4	68.6	20.6	7.5	3	0.4		0	0
Palestine	29	1	0.0	0.0	0						0			0	0
Qatar	4	0			0						0			0	0
Saudi Arabia	145	0			0						0			0	0
Somalia	165	1	100.0	100.0	485	92.2	99.4	40.0	15.9	4.7	0	0.0		0	0
Sudan	253	5	40.0	40.0	85	74.1	57.6	17.0	18.9	0.0	0	0.0		0	0
Syria	145	14	64.3	21.4	329	29.2	87.2	60.3	1.6	1.0	0	0.0		0	0
Tunisia	45	5	20.0	0.0	6	0.0	50.0	100.0	0.0	0.0	0	0.0		0	0
U.A.E.	22	0			0						0			0	0
Yemen	379	32	78.1	59.4	865	59.5	77.5	1.8	15.1	3.6	0	0.0		0	0
Grand Total 2016	7322	640	75.0	70.6	4013	74.4	66.7	49.5	16.0	5.4	6	0.2		2	1
Grand Total 2015	13214	1314	79.5	73.8	7465	74.3	63.8	45.8	17.6	5.0	11	0.2	2	5	3

* Eligible refers to AFP cases with inadequate stool specimens

** Total number of contacts from eligible AFP cases and from other AFP cases as per with country criteria for contact sampling

Last wild contacts in EMRO, 2015-2016

Distribution of AFP cases confirmed by contacts' stool samples while index is negative EMRO 2015-2016

Year	Country	Count of wild contacts	Date of Most Recent stool collection
2015	Afghanistan	9	13/01/16
	Pakistan	2	27/07/15
2015 Total		11	13/01/16
2016	Pakistan	3	15/06/16
	Afghanistan	3	04/04/16
2016 Total		6	15/06/16

Year	COUNTRY	PROVINCE	DISTRICT	Count	First case	Last case
2015	AFG	FARAH	GULESTAN	1	23/04/15	23/04/15
			BAKWA	1	21/04/15	21/04/15
		KANDAHAR	SHAHWALIKOT	1	20/12/15	20/12/15
	AFG Total			3	21/04/15	20/12/15
PAK	KHYBER PAKHTOON	PESHAWAR	1	08/06/15	08/06/15	
		TANK	1	25/01/15	25/01/15	
PAK Total			2	25/01/15	08/06/15	
2015 Total			5	25/01/15	20/12/15	
2016	AFG	KUNAR	SHIGAL WA SHELTRAN	1	26/02/16	26/02/16
			NAWZAD	1	23/01/16	23/01/16
	AFG Total			2	23/01/16	26/02/16
2016 Total			2	23/01/16	26/02/16	



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Table 5: Laboratory investigation of AFP cases with paralysis onset in 2016 up to Week (28/16) / Ending on : 17/07/16

Country	Polio laboratories Sequencing performed by 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	1475	121	15	277	985	77		4	69			18			85			2			18%	97%	98%	97%	16/07/16	
Bahrain	PNL Oman	11	1			10														1		0%	100%		80%	07/06/16	
Djibouti	NPL Kenya	1			1																	100%			100%	03/07/16	
Egypt***	RRL Egypt	554	20	1	57	437	19	20		5			7			12			2	1		8%	99%	100%	99%	14/07/16	
Iran	NPL Iran	409	6		10	376	16	1		5						2						3%	100%	100%	99%	16/07/16	
Iraq	PNL Iraq, RRL Egypt	320	11		25	261	8	15		3			9	1		6						12%	100%	100%	92%	13/07/16	
Jordan	PNL Jordan, RRL Egypt	60			7	52	1			2						1						11%	100%	100%	100%	17/07/16	
Kuwait	RRL Kuwait	28	1			18		9												1		0%	89%		83%	05/06/16	
Lebanon	PNL Jordan, RRL Egypt	53	2		4	42	5															7%	100%			14/07/16	
Libya	RRL Tunisia	29	2			22		5		2												0%	100%	100%	96%	01/07/16	
Morocco	PNL Morocco, RRL Tunisia	30	1		1	26	2													1		12%	93%		93%	15/07/16	
Oman	NPL Oman	15			4	11																14%	100%		100%	07/06/16	
Pakistan	RRL Pakistan	3205	210	11	612	2212	159	1	13	110			32			120			1			17%	98%	99%	97%	16/07/16	
Palestine & UNRWA		29			2	26		1														7%	40%		100%	03/07/16	
Qatar	NPL Oman	3				2		1														0%	100%		100%	07/06/16	
Saudi Arabia	PNL Saudi Arabia, NPL Oman	132	1		1	126		4								1						1%	99%	100%	100%	09/06/16	
Somalia	NPL Kenya	159	1	10	22	117	1	8		7			8			8						21%	8%		98%	02/07/16	
Sudan	PNL Sudan, RRL Egypt	163			22	115		26														16%	100%		100%	15/05/16	
Syria	PNL Syria, RRL Egypt	147	5		4	130		8		2						3						3%	100%	100%	100%	16/06/16	
Tunisia	RRL Tunisia	47			1	45		1														2%	100%		98%	01/07/16	
U.A.E	NPL Oman	16			1	15																6%	100%		100%	07/06/16	
Yemen	RRL Egypt	544	21	1	72	267		182		8			3			10				1	1	17%	40%	100%	68%	14/07/16	
Total EMR 2016		7430	403	38	1123	5295	288	282	17	213			77	1		248			2	3	3	5	14%	93%	99%	96%	
Total EMR 2015		12987	741	97	2315	9801		30	69	361			188	8		414			4	31	10	2	16%	92%	99%	94%	

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

** This indicator reflects surveillance and laboratory activities



Table 6 (a): Environmental isolate by year and type **Egypt**.

Result	2010	2011	2012	2013	2014	2015	2016
Negative	183	178	196	304	410	412	242
Pending							37
Wild			2				
VDPVP2			7	3	2	3	1
VDPVP1			1		1		
Total	183	178	206	307	413	415	280

Table 6 (b): Environmental Wild/VDPV isolate by site **Egypt**.

Year	Province	Site	Count	First date	Last Date
2015	CAIRO	EL SAFF	1	16/06/15	16/06/15
		GIZA	1	04/02/15	04/02/15
		HURGADA	1	26/05/15	26/05/15
	VDPVP2 Total			3	04/02/15
2016	SOUTH SINAI	AL-TUR	1	15/03/16	15/03/16
VDPVP2 Total			1	15/03/16	15/03/16

Table 7 (a) Environmental isolate by year and type **Afghanistan/Pakistan**

COUNTRY1	Status	2009	2010	2011	2012	2013	2014	2015	2016	
AFG	Negative						9	78	127	71
	Pending								1	13
	Wild							17	20	
AFG Total							9	95	148	84
PAK	Negative	27	77	68	150	256	236	347	263	
	Pending							1	29	
	Wild	18	79	136	89	64	125	79	23	
	Wild & VDPV2					2	6	5		
	VDPV2						4	8	1	
PAK Total		45	156	204	239	322	372	439	316	

Table 7 (b) Environmental Wild/VDPV isolate by site **Afghanistan/Pakistan**

Year	COUNTRY	Status	SITEDIST	SITENAME	Count	Wild	First date	Last date			
2015	AFG	Wild	KABUL	KARTI NAW	1		27/12/2015	27/12/2015			
			JALALABAD	SANGI QALA	2		23/11/2015	27/12/2015			
				RADOR BRIDGE	2		22/02/2015	21/09/2015			
			LASHKARGAH	BOLAN BRIDGE	3		25/01/2015	25/10/2015			
				RADIO MAHALLIE	4		22/02/2015	25/11/2015			
			ASADABAD	MANDACOOOL	1		25/10/2015	25/10/2015			
			BEHSUD	HADA FARM	1		25/10/2015	25/10/2015			
			NAHR-E-SARAJ	ZARAT BAGH	2		24/01/2015	19/09/2015			
				BARAN SARAI	1		19/09/2015	19/09/2015			
			KANDAHAR	KHANDAK	2		04/01/2015	26/08/2015			
				RAROBAT	1		26/01/2015	26/01/2015			
			AFG Total					20		04/01/2015	27/12/2015
			2016	PAK	Wild	KHI.GADAP TOWN	BALDIA COMPOSITE	2		06/01/2015	04/02/2015
							SOHRAB GOTH	5		17/08/2015	22/12/2015
							MACHAR COLONY	6		11/05/2015	12/11/2015
							KHAMISO GOTH	3		20/01/2015	17/11/2015
						KHI.GULSHAN-E-IQBAL TOWN	CHAKORA NULLA	2		13/01/2015	05/05/2015
							RASHID MINHAS RD LAY	4		02/03/2015	14/12/2015
						RAWALPINDI	SAFDAR ABAD	1		10/10/2015	10/10/2015
							DHOKE DALLAL	4		10/03/2015	14/12/2015
PESHAWAR	LARA MA	3					03/01/2015	24/08/2015			
	SHAHEEN TOWN	8					10/01/2015	11/12/2015			
Wild & VDPV2	HYDERABAD	TULSIDAS PUMPING STATION			2		03/02/2015	03/12/2015			
	JACOBABAD	SADDAR PUMPING STATION			5		08/01/2015	04/11/2015			
	QUETTA	JAM-E-SALFIA			2		12/01/2015	12/10/2015			
		JATAK KILLI & TAKHTHANI BY PASS			6		28/01/2015	28/10/2015			
		SUR PUL			4		20/01/2015	20/09/2015			
	LAHORE	MULTAN ROAD STATION			2		19/02/2015	19/06/2015			
		OUTFALL STATION-F			1		12/10/2015	12/10/2015			
		OUTFALL STATION-G			1		12/01/2015	12/01/2015			
	SUKKUR	MAKKA PUMPING STATION			2		06/01/2015	04/02/2015			
		MIANI PUMPING STATION			4		05/02/2015	11/09/2015			
VDPV2	MULTAN	ALI TOWN	1		18/08/2015	18/08/2015					
		KOTLA ABDUL FATAH	2		28/07/2015	31/08/2015					
		SURAJ MIANI	1		08/04/2015	08/04/2015					
	CDA	SABZI MANDI	2		12/01/2015	17/08/2015					
	DIKHAN	MODC DRAIN	2		04/03/2015	04/08/2015					
		ZAFAR ABAD DRAIN	1		05/05/2015	05/05/2015					
	KABDULLAH	ARMY KAZIBA	2		01/03/2015	01/06/2015					
		HADI PACKET	1		15/01/2015	15/01/2015					
	QUETTA	JAM-E-SALFIA	2		12/09/2015	12/12/2015					
		JATAK KILLI & TAKHTHANI BY PASS	1		28/03/2015	28/03/2015					
VDPV2	PESHAWAR	LARA MA	1		26/02/2015	26/02/2015					
	KHI.GADAP TOWN	SOHRAB GOTH	1		22/01/2015	22/01/2015					
	KHI.GULSHAN-E-IQBAL TOWN	RASHID MINHAS RD LAY	2		08/06/2015	07/07/2015					
	LAHORE	OUTFALL STATION-G	1		13/04/2015	13/04/2015					
	KHI.GADAP TOWN	SOHRAB GOTH	2		23/02/2015	18/03/2015					
PAK Total					92		03/01/2015	22/12/2015			
2016	PAK	Wild	DERA GHAZI KHAN	MAIN DISPOSAL	1		12/05/2016	12/05/2016			
			PESHAWAR	SHAHEEN TOWN	4		11/01/2016	22/04/2016			
			RAWALPINDI	SAFDAR ABAD	1		14/04/2016	14/04/2016			
			SUKKUR	MAKKA PUMPING STATION	3		12/01/2016	19/03/2016			
			KHI.GULSHAN-E-IQBAL TOWN	RASHID MINHAS RD LAY	2		18/01/2016	15/03/2016			
			JACOBABAD	SADDAR PUMPING STATION	2		04/02/2016	10/03/2016			
			KHI.GADAP TOWN	SOHRAB GOTH	1		27/01/2016	27/01/2016			
				MACHAR COLONY	2		08/02/2016	09/03/2016			
				KHAMISO GOTH	1		09/02/2016	09/02/2016			
			QUETTA	JAM-E-SALFIA	2		12/02/2016	12/02/2016			
			FAISALABAD	PUMPING STATION 3 ACHIKAIRA	2		03/02/2016	03/02/2016			
VDPV2	KABDULLAH	HADI PACKET	1		15/01/2016	15/01/2016					
	HYDERABAD	TULSIDAS PUMPING STATION	1		05/01/2016	05/01/2016					
	QUETTA	SUR PUL	1		20/06/2016	20/06/2016					
	PAK Total					24		05/01/2016	20/06/2016		



Figure 1: Non-Polio AFP Rate and Wild Polio Virus in EMR 01/01/2016-10/07/2016

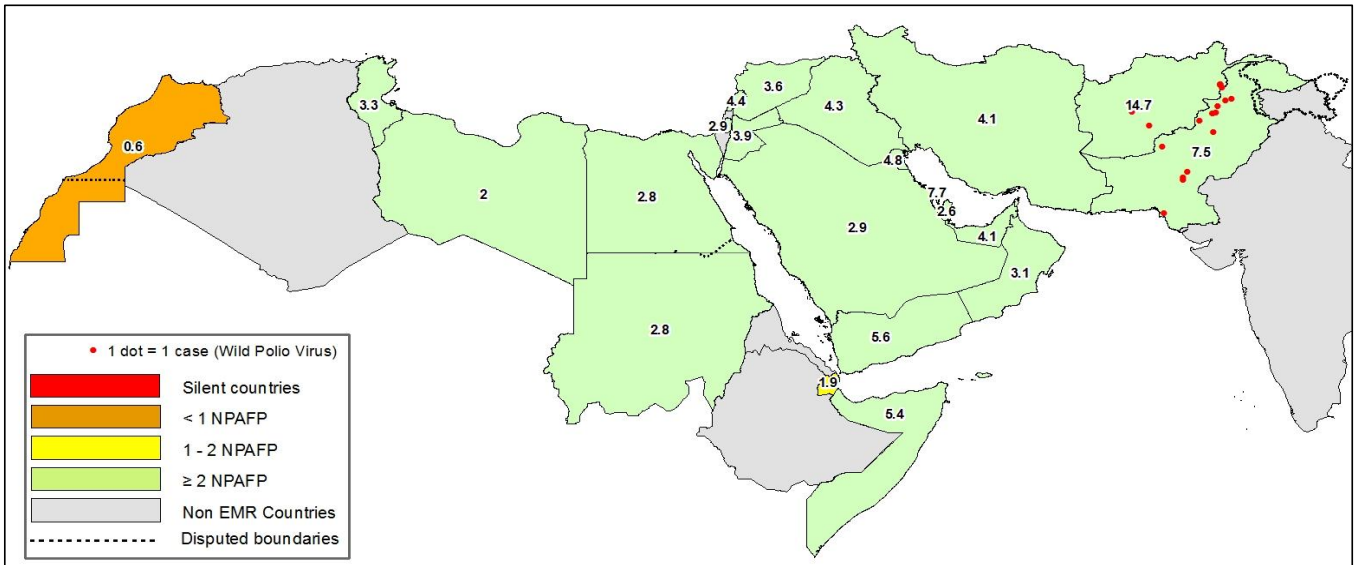


Figure 2: Percent of AFP cases with adequate samples & Compatible Cases in EMR 01/01/2016-10/07/2016

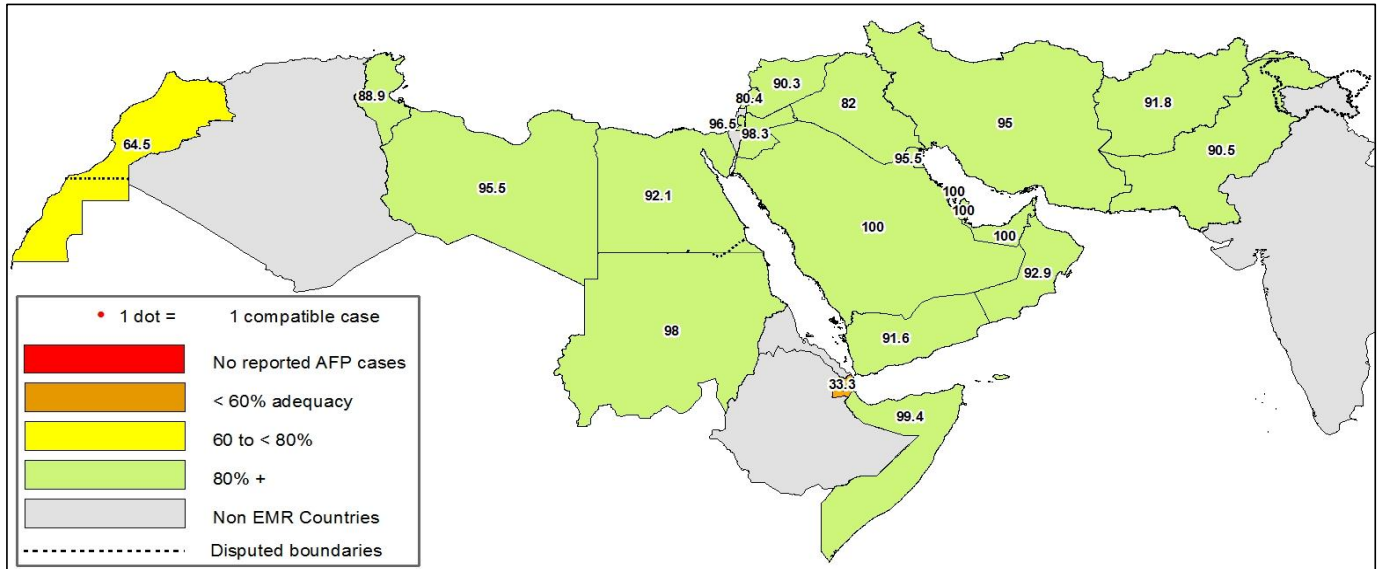


Table 8: Wild Polio Cases by country and date of onset of paralysis in EMR 2015-2016

Year	COUNTRY	Count	First Case	Last Case
2015	PAK	54	03/01/15	31/12/15
	AFG	20	21/01/15	20/12/15
2015 Total		74	03/01/15	31/12/15
2016	PAK	13	17/01/16	18/06/16
	AFG	6	23/01/16	29/05/16
2016 Total		19	17/01/16	18/06/16

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



Figure 3: Non Polio AFP rate by district, AFG-PAK 2016

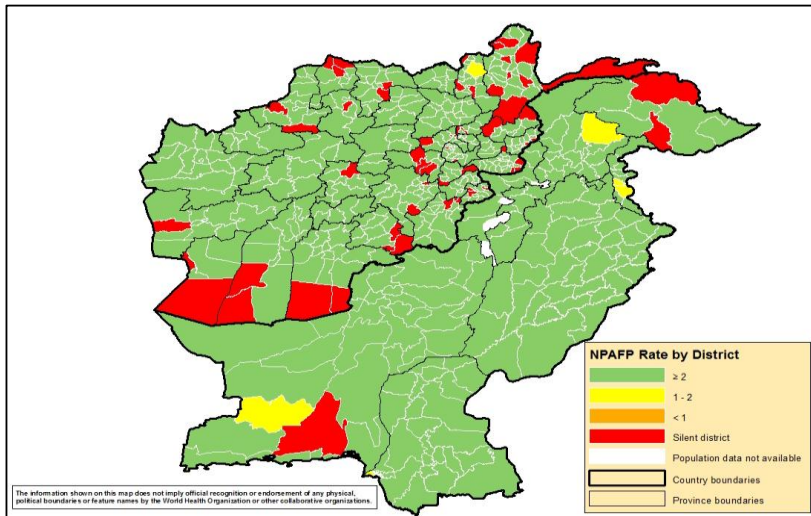


Figure 4: Percent of AFP cases with adequate samples, AFG-PAK 2016

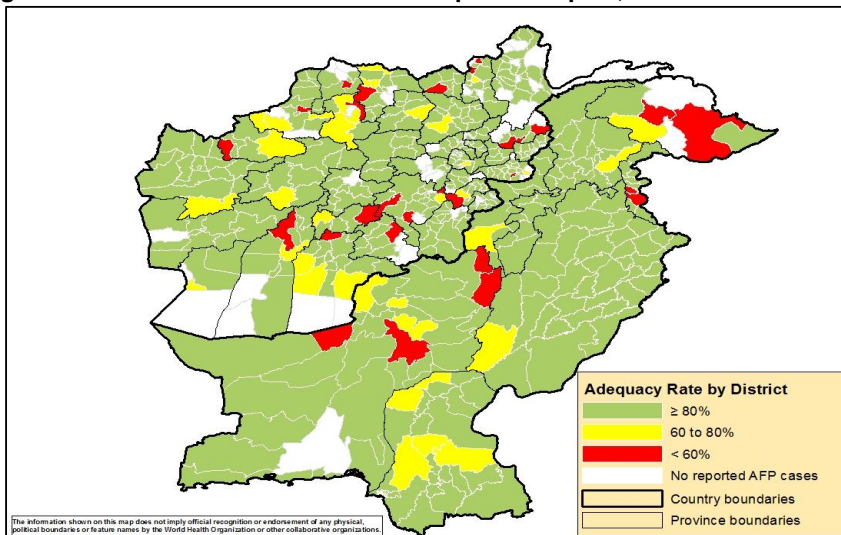


Figure 5: Wild Polio Virus cases by type & district in Afghansitan and Pakistan

Figure 5 (a) 2015

Figure 5 (b) 2016 up to 10 July

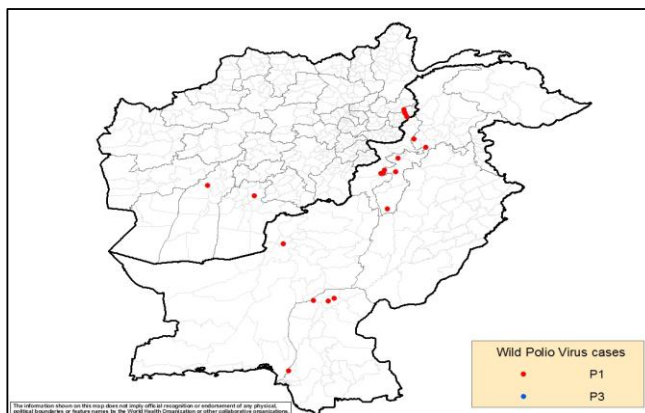
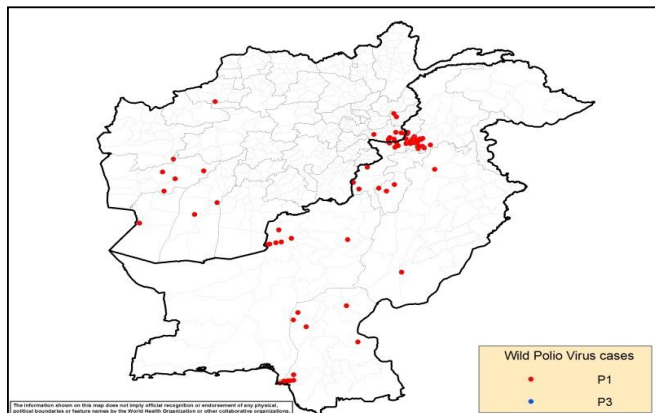




Table 9: Wild Polio Cases by district and date of paralysis onset, Afghansitan 2015-2016

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case	
2015	KANDAHAR	SHAHWALIKOT	1	20/12/15	20/12/15	
		KUNAR	CHAPADARA	1	19/11/15	19/11/15
			DARA-E-PECH	1	03/11/15	03/11/15
	NANGARHAR	LALPUR	1	27/10/15	27/10/15	
		MUHMAND DARA	1	14/10/15	14/10/15	
		SHERZAD	1	06/09/15	06/09/15	
		BATIKOT	1	04/09/15	04/09/15	
		ACHIN	4	14/07/15	01/09/15	
	FARYAB	QAYSAR	1	22/10/15	22/10/15	
	HILMAND	NAHR-E-SARAJ	1	20/10/15	20/10/15	
		REG	1	21/01/15	21/01/15	
	NIMROZ	ZARANJ	1	07/08/15	07/08/15	
	HIRAT	SHINDAND	1	27/06/15	27/06/15	
	FARAH	BALABULUK	1	07/06/15	07/06/15	
GULESTAN		2	23/04/15	05/05/15		
BAKWA		1	21/04/15	21/04/15		
2015 Total			20	21/01/15	20/12/15	
2016	KUNAR	SHIGAL WA SHELTON	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			6	23/01/16	29/05/16	

Table 10: Wild Polio Cases by district and date of paralysis onset, Paksitan 2015-2016

ONSETYR	COUNTRY	PROVINCE	DISTRICT	Count	First case	Last case
2015	PAK	KHYBER PAKHTUNKHWA	PESHAWAR	12	17/01/15	31/12/15
			CHARSADA	1	20/04/15	20/04/15
			TANK	2	03/01/15	25/01/15
			LAKKIMRWT	1	07/01/15	07/01/15
			NOWSHERA	1	05/01/15	05/01/15
		PUNJAB	RYKHAN	1	02/12/15	02/12/15
			CHAKWAL	1	11/09/15	11/09/15
		SINDH	KHIBALDIA	2	11/11/15	21/11/15
			KHIGIQBAL	1	18/11/15	18/11/15
			KHAIRPUR	1	02/11/15	02/11/15
			KHIGADAP	2	10/10/15	02/11/15
			KHIKAMARI	1	01/11/15	01/11/15
			KHIGULBERG	1	14/09/15	14/09/15
			DADU	2	10/02/15	19/02/15
			SUKKUR	1	13/02/15	13/02/15
			KAMBAR	1	04/01/15	04/01/15
			BALOCHISTAN	QUETTA	5	20/02/15
		LORALAI		1	09/02/15	09/02/15
		KABDULAH		1	03/02/15	03/02/15
		FATA	KHYBER	11	05/01/15	14/11/15
FR PESHAWAR	2		14/09/15	22/10/15		
WAZIR-S	2		07/01/15	24/05/15		
WAZIR-N	1		06/05/15	06/05/15		
2015 Total				54	03/01/15	31/12/15
2016	PAK	FATA	WAZIR-S	1	18/06/16	18/06/16
			KHYBER PAKHTUNKHWA	DIKHAN	1	06/06/16
		PUNJAB	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
		SINDH	SHIKARPUR	2	05/03/16	12/04/16
			JACOBABAD	1	10/02/16	10/02/16
			KHIGADAP	1	17/01/16	17/01/16
		BALOCHISTAN	QUETTA	1	01/02/16	01/02/16
2016 Total				13	17/01/16	18/06/16

