



AFP SURVEILLANCE

30-May-16

Week 21, ending 29 May 2016

Number 921

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

Country	Reported AFP cases by week of onset - Week (21/16) / Ending on : 29/05/2016														
	Total AFP 2014	Total AFP 2015	Total AFP to date, 2016	W10 13 Mar 16	W11 20 Mar 16	W12 27 Mar 16	W13 03 Apr 16	W14 10 Apr 16	W15 17 Apr 16	W16 24 Apr 16	W17 01 May 16	W18 08 May 16	W19 15 May 16	W20 22 May 16	W21 29 May 16
Afghanistan	2421	2738	1111	56	44	50	50	61	53	49	50	60	56	33	6
Bahrain	16	19	11	2	0	1	1	1	1	0	0	0	0	0	0
Djibouti	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	1000	1046	464	23	29	18	18	27	31	27	22	27	17	20	9
Iran	753	780	281	10	9	6	18	19	11	9	9	11	11	1	
Iraq	590	520	269	10	16	14	17	14	6	9	5	10	13	1	
Jordan ****	62	90	34	2	3	1	3	4	2	5	2	2	0		
Kuwait	32	32	21	1	2	0	0	1	2	1	1	3	1	0	0
Lebanon ****	50	113	42	3	2	3	3	4	1	0	3	2	3	0	
Libya	43	54	16	3	1	2	0	1	1	1	0				
Morocco	103	79	24	3	2	0	1	1	2	1	0	1	1		
Oman	34	39	14	1	0	1	1	0	0	0	0	0	0		
Pakistan	5370	5814	2149	94	111	100	83	94	123	108	106	113	74	21	0
Palestine ****	21	38	24	1	2	0	1	0	1	0	3	0	0	0	0
Qatar	7	11	2	0	0	0	1	1	0	0	0	0	0	0	0
Saudi Arabia	227	254	111	5	2	9	11	9	14	5	6	3	1	0	0
Somalia	420	281	117	8	3	10	10	5	3	8	7	10	3	2	
Sudan	442	436	190	8	18	5	9	11	12	14	8	7	14	7	0
Syria ****	306	235	122	7	5	3	6	10	3	5	4	7	5	0	
Tunisia	44	64	27	2	0	0	0	0	2	0					
U.A.E	25	31	17	1	1	1	0	0	0	1	1	0	0	0	0
Yemen	578	537	263	17	10	10	11	12	14	9	3	11	14	4	1
Total EMR	12547	13214	5310	257	260	234	244	275	282	252	230	267	213	89	16

☐ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2014	Total year 2015	29/05		Confirmed polio cases by month of onset											
			2015	2016	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016
Afghanistan	28	20	4	5	2	1	3	3	4	2	1	1	2	1	1	
Bahrain	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	
Egypt	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	
Iraq	2	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	0	0	0	
Morocco	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	
Pakistan	306	54	25	11	4		5	4	4	9	3	2	4	2	3	
Palestine ****	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	
Saudi Arabia	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	
Sudan	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	
Tunisia	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	
Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total EMR	342	74	29	16	6	1	8	7	8	11	4	3	6	3	4	0

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



Table 3: Investigation of AFP cases with paralysis onset in 2015 & 2016 up to Week (21/16) / Ending on : 29/05/2016)

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	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	2738	20	3	0	2715	0	13.8	0	0	93.0	20	0	1111	5	0	210	896	0	13.6	16	0	91.5	5	0	29/05/2016
Bahrain	19	0	0	0	19	0	7.0	0	0	94.7	0	0	11	0	0	4	7	0	9.9	0	0	100.0	0	0	29/05/2016
Djibouti	3	0	0	0	3	0	1.0	0	0	66.7	0	0	1	0	0	0	1	0	0.8	0	0	100.0	0	0	29/05/2016
Egypt	1046	0	0	0	1045	1	3.0	0	0	94.2	0	0	464	0	0	106	358	0	3.0	0	0	88.8	0	0	26/05/2016
Iran	780	0	0	0	779	1	4.3	0	0	96.9	0	0	281	0	0	19	262	0	3.7	0	0	94.0	0	0	28/05/2016
Iraq	520	0	0	0	518	2	3.6	0	0	81.9	0	0	269	0	0	42	226	1	4.5	13	1	83.3	0	1	28/05/2016
Jordan	90	0	0	0	90	0	3.2	0	0	96.7	0	0	34	0	0	24	10	0	3.0	0	0	100.0	0	0	15/05/2016
Kuwait	32	0	0	0	32	0	3.7	0	0	96.9	0	0	21	0	0	8	13	0	5.8	0	0	95.2	0	0	29/05/2016
Lebanon	113	0	0	0	113	0	5.2	0	0	84.1	0	0	42	0	0	13	29	0	5.3	3	0	78.6	0	0	28/05/2016
Libya	54	0	0	0	54	0	2.6	0	0	94.4	0	0	16	0	0	4	12	0	1.9	1	0	93.8	0	0	07/05/2016
Morocco	79	0	0	1	78	0	0.8	1	0	57.0	0	0	24	0	0	9	15	0	0.6	4	0	70.8	0	0	20/05/2016
Oman	39	0	0	0	39	0	4.5	0	0	97.4	0	0	14	0	0	1	13	0	3.9	0	0	92.9	0	0	29/05/2016
Pakistan	5814	54	9	29	5718	4	7.4	29	4	87.2	54	0	2149	11	0	306	1832	0	6.7	75	3	90.0	11	0	30/05/2016
Palestine	38	0	0	0	38	0	2.2	0	0	92.1	0	0	24	0	0	5	19	0	3.1	0	0	95.8	0	0	29/05/2016
Qatar	11	0	0	0	11	0	3.7	0	0	100.0	0	0	2	0	0	2	0	0	1.6	0	0	100.0	0	0	29/05/2016
Saudi Arabia	254	0	0	0	254	0	2.7	0	0	98.0	0	0	111	0	0	101	10	0	2.8	30	30	99.1	0	0	29/05/2016
Somalia	281	0	1	0	280	0	4.9	0	0	96.1	0	0	117	0	0	15	102	0	4.9	0	0	100.0	0	0	28/05/2016
Sudan	436	0	0	0	436	0	2.6	0	0	97.3	0	0	190	0	0	21	169	0	2.7	0	0	98.4	0	0	29/05/2016
Syria	235	0	0	0	235	0	3.0	0	0	90.2	0	0	122	0	0	24	98	0	3.8	0	0	90.2	0	0	24/05/2016
Tunisia	64	0	0	0	64	0	2.4	0	0	85.9	0	0	27	0	0	3	24	0	2.5	1	1	88.9	0	0	29/04/2016
U.A.E	31	0	0	0	31	0	3.0	0	0	90.3	0	0	17	0	0	2	15	0	4.1	0	0	100.0	0	0	29/05/2016
Yemen	537	0	0	19	518	0	4.1	19	10	90.7	0	0	263	0	0	176	87	0	4.9	60	54	93.9	0	0	27/05/2016
EMR	13214	74	13	49	13070	8	5.4	49	14	90.2	74	0	5310	16	0	1095	4198	1	5.2	203	89	91.0	16	1	
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



World Health Organization – Regional Office for Eastern Mediterranean

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Table 4: Investigation of contacts of AFP cases with paralysis onset in 2016 up to Week (21/16) / Ending on : (29/05/2016)

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	1111	94	81.9	81.9	472	95.6	63.6	28.0	19.3	9.5	3	0.7		2	1
Bahrain	11	0			0						0			0	0
Djibouti	1	0			0						0			0	0
Egypt	464	59	42.4	40.7	121	75.2	60.3	93.9	12.1	9.1	0	0.0		0	0
Iran	281	18	38.9	38.9	41	68.3	19.5	85.4	2.4	0.0	0	0.0		0	0
Iraq	269	45	75.6	64.4	361	62.6	16.9	90.9	15.8	3.5	0	0.0		0	0
Jordan	34	0			0						0			0	0
Kuwait	21	1	100.0	100.0	31	51.6	74.2	100.0	0.0	0.0	0	0.0		0	0
Lebanon	42	9	11.1	11.1	4	75.0	25.0	0.0	0.0	0.0	0	0.0		0	0
Libya	16	1	0.0	0.0	0						0			0	0
Morocco	24	7	42.9	42.9	13	61.5	69.2	44.4	0.0	0.0	0	0.0		0	0
Oman	14	1	0.0	0.0	11	81.8	100.0	81.8	0.0	0.0	0	0.0		0	0
Pakistan	2149	214	0.0	0.0	0						0			0	0
Palestine	24	1	0.0	0.0	0						0			0	0
Qatar	2	0			0						0			0	0
Saudi Arabia	111	1	0.0	0.0	0						0			0	0
Somalia	117	0			343	92.1	99.7	40.3	16.7	6.7	0	0.0		0	0
Sudan	190	3	66.7	66.7	74	73.0	51.4	2.9	14.3	0.0	0	0.0		0	0
Syria	122	12	50.0	25.0	276	30.8	87.3	58.4	1.8	0.9	0	0.0		0	0
Tunisia	27	3	33.3	0.0	5	0.0	60.0	100.0	0.0	0.0	0	0.0		0	0
U.A.E.	17	0			0						0			0	0
Yemen	263	16	87.5	68.8	623	60.2	78.5	0.0	16.7	4.8	0	0.0		0	0
Grand Total 2016	5310	485	35.3	32.6	2375	70.0	67.3	50.1	14.0	5.4	3	0.2		2	1
Grand Total 2015	13214	1309	79.8	74.1	7624	73.8	62.4	45.1	17.5	4.9	11	0.1	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, 01/01/2015 - 29/05/2016

Year	Country	Count of wild contacts	Date of Most Recent stool collection
2015	Afghanistan	9	13/01/2016
	Pakistan	2	27/07/2015
2015 Total		11	13/01/2016
2016	Afghanistan	3	04/04/2016
	Pakistan	2	13/03/2016
2016 Total		5	04/04/2016

Number and distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2015-2016

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



Table 5: Laboratory investigation of AFP cases with paralysis onset in 2016 up to Week (21/16) / Ending on : (29/05/2016)

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	VPV	Wild	Sabin	VPV	Wild	Sabin	VPV									
Afghanistan	RRL Pakistan	1072	91	10	174	696	101		3	53			17			56		1	1			16%	100%	97%	97%	27/05/2016
Bahrain	PNL Oman	10	1			9														1		0%	100%		89%	25/04/2016
Djibouti	NPL Kenya	1			1																100%			100%	29/05/2016	
Egypt***	RRL Egypt	371	18	1	40	290		22		5			6			12		1		2		8%	100%	100%	99%	19/05/2016
Iran	NPL Iran	304	6		9	276	13			5						2		1				3%	100%	100%	99%	29/05/2016
Iraq	RRL Egypt	267	11		17	220	18	1		1			7	1		4						11%	100%	100%	90%	26/05/2016
Jordan	RRL Tunisia	37			1	35	1			2						1						5%	100%	100%	100%	29/05/2016
Kuwait	RRL Kuwait	27	1			16	1	9												1		0%	100%		94%	30/05/2016
Lebanon	NPL Jordan	42	2		3	35	2															6%	100%			29/05/2016
Libya	RRL Tunisia	17				15		2														0%	100%		93%	22/05/2016
Morocco	RRL Tunisia	20	1		1	18														1		16%	90%		95%	20/05/2016
Oman	NPL Oman	13			3	10																14%	100%		100%	25/04/2016
Pakistan	RRL Pakistan	2290	158	7	399	1496	229	2	11	80			31			82						16%	100%	100%	98%	27/05/2016
Palestine & UNRWA		24			1	23																4%	40%		100%	29/05/2016
Qatar	NPL Oman	2						2																		25/04/2016
Saudi Arabia	NPL Oman	107				76		31								1						1%	100%	100%	100%	15/05/2015
Somalia	NPL Kenya	117		9	13	81	4	10		6			8			6				1		21%	9%		98%	28/05/2016
Sudan	RRL Egypt	163			22	115		26														16%	100%		100%	15/05/2016
Syria	RRL Egypt	137	4		2	114	8	9														2%	100%			26/05/2016
Tunisia	RRL Tunisia	37			1	33		3														2%	100%		100%	22/05/2016
U.A.E	NPL Oman	14			1	13																7%	100%		100%	25/04/2016
Yemen	RRL Egypt	341	8	1	30	88	18	196		4			1			4				1		20%	24%	100%	43%	19/05/2016
Total EMR 2016		5413	301	28	718	3659	395	313	14	156			70	1	168	3	1	3	4			13%	96%	99%	96%	
Total EMR 2015		12988	740	97	2315	9802		31	69	361			188	8	415	4	31	10	2			16%	92%	99%	93%	

* 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	132
Pending							20
Wild			2				
VDPVP2			7	3	2	3	1
VDPVP1			1		1		
Total	183	178	206	307	413	415	153

Table 6 (b): Environmental Wild/VDPV isolate by site "EGYPT"

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

Table 7 (a): Environmental isolate by year and type "AFGHANISTAN/PAKISTAN"

COUNTRY	Status	2009	2010	2011	2012	2013	2014	2015	2016	
AFG	Negative					9		78	127	57
	Pending								1	3
	Wild							17	20	
AFG Total						9		95	148	60
PAK	Negative	27	77	68	150	256	236	347	188	
	Pending							1	29	
	Wild	18	79	136	89	64	125	79	22	
	Wild & VDPV2					2	6	5		
PAK Total		45	156	204	239	322	372	439	239	

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	MANDACOO	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			
				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
			2015	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			
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				
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						
2015	PAK	Wild & VDPV2	QUETTA	JAM-E-SALFIA	2	12/09/2015	12/12/2015			
				JATAK KILLI & TAKHTHANI BY PASS	1	28/03/2015	28/03/2015			
			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			
2015	PAK	VDPV2	KHI.GADAP TOWN	SOHRAB GOTH	2	23/02/2015	18/03/2015			
				MACHAR COLONY	3	14/01/2015	16/03/2015			
			PAK Total					92	03/01/2015	22/12/2015
2016	PAK	Wild	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			
			KABDULLAH	HADI PACKET	1	15/01/2016	15/01/2016			
			HYDERABAD	TULSIDAS PUMPING STATION	1	05/01/2016	05/01/2016			
			PAK Total					22	05/01/2016	22/04/2016
Grand Total					134	03/01/2015	22/04/2016			



Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2016 - 29/05/2016

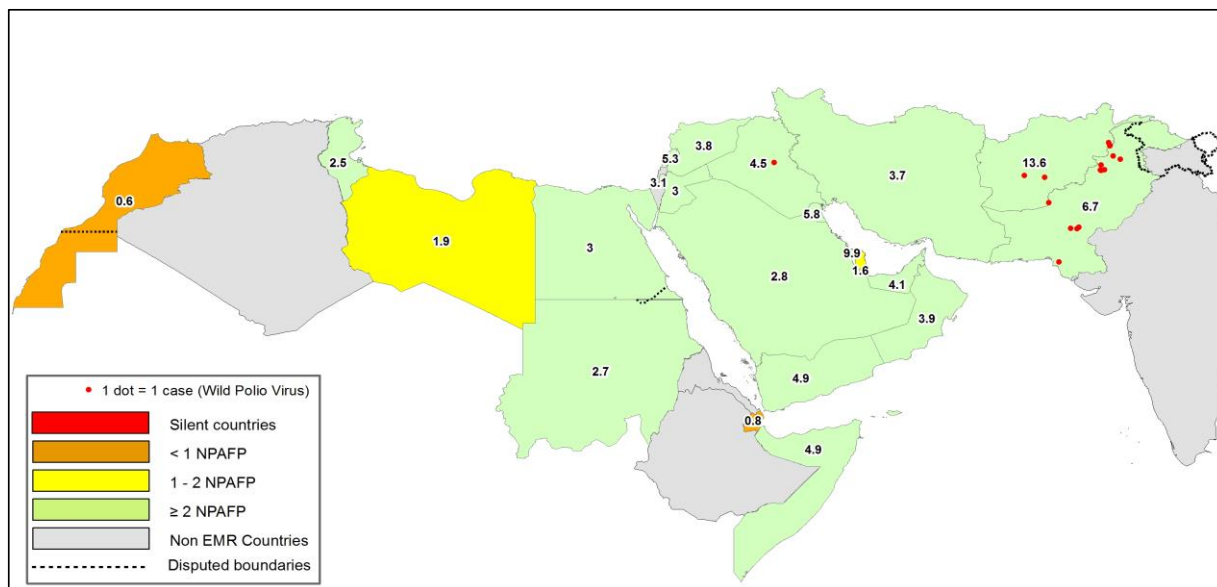


Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2016 - 29/05/2016

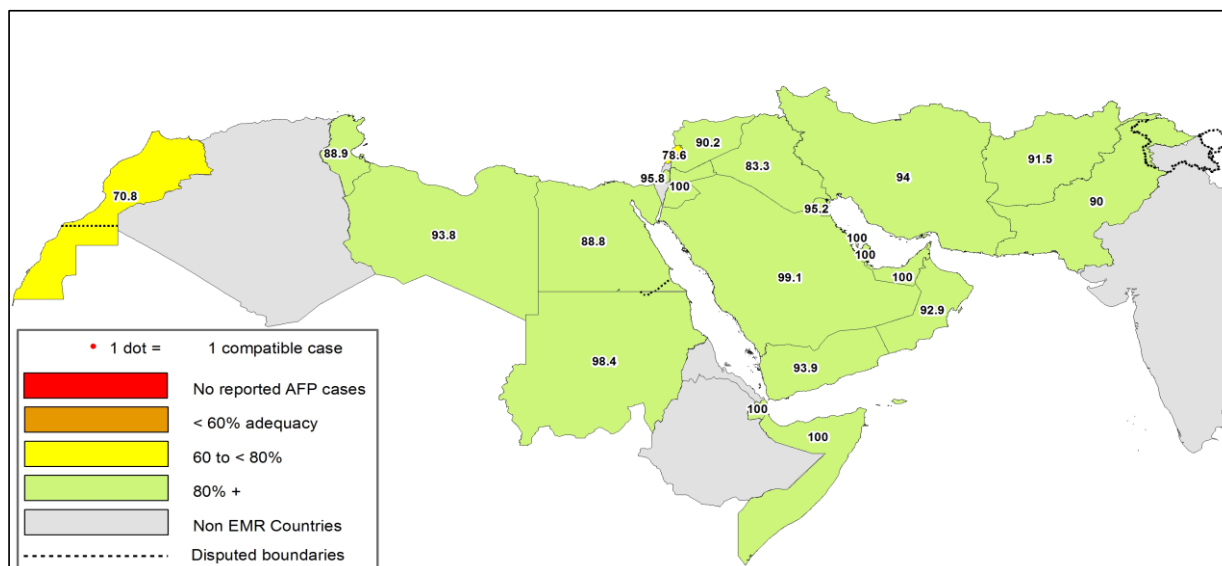


Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2015-2016

Year	COUNTRY	Count	First Case	Last Case
2015	PAK	54	1/3/2015	12/31/2015
	AFG	20	1/21/2015	12/20/2015
2015 Total		74	1/3/2015	12/31/2015
2016	PAK	11	1/17/2016	4/26/2016
	AFG	5	1/23/2016	4/4/2016
2016 Total		16	1/17/2016	4/26/2016

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 01/01/2016 - 29/05/2016

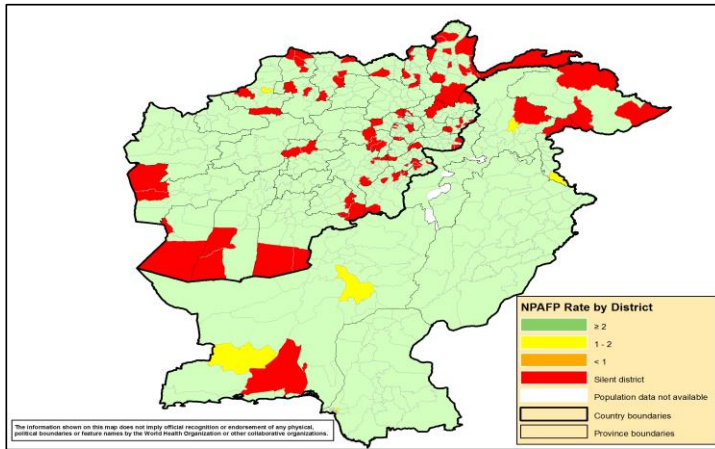


Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2016 - 29/05/2016

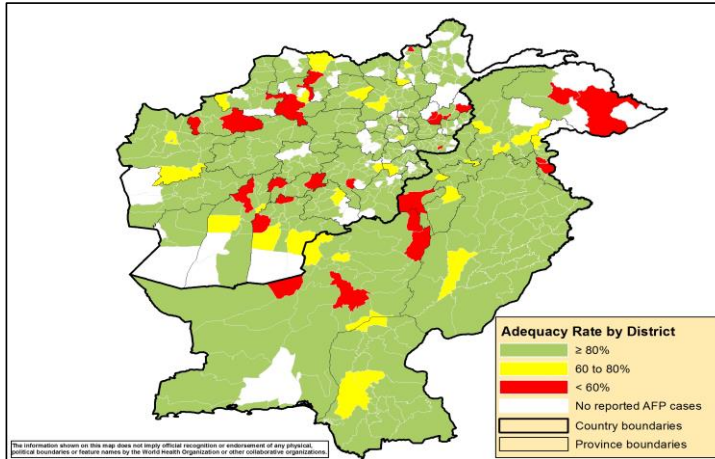
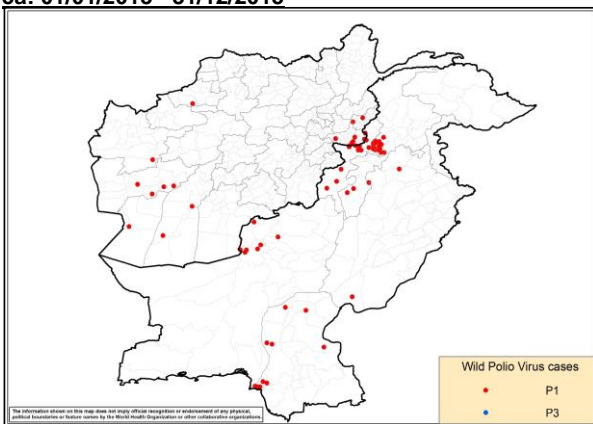


Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan

5a: 01/01/2015 - 31/12/2015



5b: 01/01/2016 - 29/05/2016

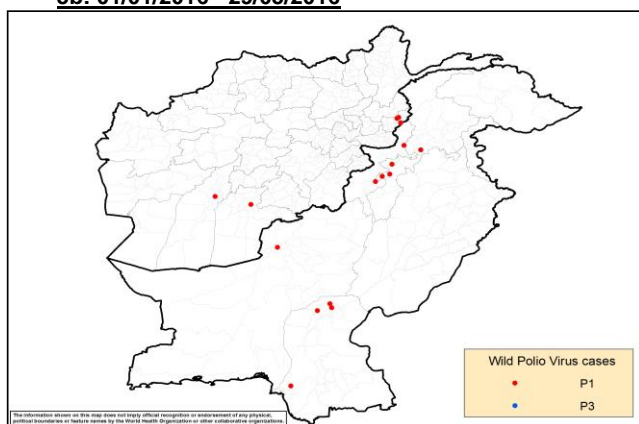




Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2015-2016

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case	
2015	KANDAHAR	SHAHWAJ KOT	1	12/20/2015	12/20/2015	
		KUNAR	CHAPADARA	1	11/19/2015	11/19/2015
			DARA-E-PECH	1	11/3/2015	11/3/2015
	NANGARHAR	LALPUR	1	10/27/2015	10/27/2015	
		MUJHMAND DARA	1	10/14/2015	10/14/2015	
		SHERZAD	1	9/6/2015	9/6/2015	
		BATIKOT	1	9/4/2015	9/4/2015	
		ACHIN	4	7/14/2015	9/1/2015	
		FARYAB	QAYSAR	1	10/22/2015	10/22/2015
	HILMAND	NAHR-E-SARAJ	1	10/20/2015	10/20/2015	
		REG	1	1/21/2015	1/21/2015	
	NIMROZ	ZARANJ	1	8/7/2015	8/7/2015	
	HIRAT	SHINDAND	1	6/27/2015	6/27/2015	
	FARAH	BALABULLUK		1	6/7/2015	6/7/2015
				2	4/23/2015	5/5/2015
BAKWA		1	4/21/2015	4/21/2015		
2015 Total			20	1/21/2015	12/20/2015	
2016	KANDAHAR	SHAHWAJ KOT	1	4/4/2016	4/4/2016	
		KUNAR	3	2/1/2016	3/27/2016	
	HILMAND	NAWZAD	1	1/23/2016	1/23/2016	
2016 Total			5	1/23/2016	4/4/2016	

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

ONSETYR	PROVINCE	DISTRICT	Count	First case	Last case
2015	KHYBER PAKHTOON	PESHAWAR	12	1/17/2015	12/31/2015
		CHARSADA	1	4/20/2015	4/20/2015
		TANK	2	1/3/2015	1/25/2015
		LAKKIMRWT	1	1/7/2015	1/7/2015
		NOWSHERA	1	1/5/2015	1/5/2015
	PUNJAB	RYKHAN	1	12/2/2015	12/2/2015
		CHAKWAL	1	9/11/2015	9/11/2015
	SINDH	KHIBALDIA	2	11/11/2015	11/21/2015
		KHIGIOBAL	1	11/18/2015	11/18/2015
		KHAIRPUR	1	11/2/2015	11/2/2015
		KHIGADAP	2	10/10/2015	11/2/2015
		KHIKAMARI	1	11/1/2015	11/1/2015
		KHIGULBERG	1	9/14/2015	9/14/2015
		DADU	2	2/10/2015	2/19/2015
		SUKKUR	1	2/13/2015	2/13/2015
		KAMBAR	1	1/4/2015	1/4/2015
		BALOCHSTAN	QUETTA	5	2/20/2015
	LORALAI		1	2/9/2015	2/9/2015
	KABDULAH		1	2/3/2015	2/3/2015
	FATA	KHYBER	11	1/5/2015	11/14/2015
		FR PESHAWAR	2	9/14/2015	10/22/2015
		WAZIR-S	2	1/7/2015	5/24/2015
		WAZIR-N	1	5/6/2015	5/6/2015
2015 Total			54	1/3/2015	12/31/2015
2016	KHYBER PAKHTOON	BANNU	3	3/22/2016	4/26/2016
		PESHAWAR	1	2/12/2016	2/12/2016
		HANGU	1	2/9/2016	2/9/2016
		NOWSHERA	1	1/22/2016	1/22/2016
	SINDH	SHIKARPUR	2	3/5/2016	4/12/2016
		JACOBABAD	1	2/10/2016	2/10/2016
	BALOCHSTAN	QUETTA	1	1/17/2016	1/17/2016
2016 Total			11	1/17/2016	4/26/2016

