



AFP SURVEILLANCE

23-May-16

Week 20, ending 22 May 2016

Number 920

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

Country	Reported AFP cases by week of onset - Week (20/16) / Ending on : 22/05/2016														
	Total AFP 2014	Total AFP 2015	Total AFP to date, 2016	W09 06 Mar 16	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
Afghanistan	2421	2738	1059	45	56	44	50	49	61	53	48	50	57	44	4
Bahrain	16	19	11	0	2	0	1	1	1	1	0	0	0	0	0
Djibouti	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	1000	1046	433	26	23	29	18	18	27	31	27	22	27	14	1
Iran	753	780	264	13	10	9	6	18	19	11	9	8	4	2	1
Iraq	590	520	249	11	10	16	14	17	14	6	9	4	5		
Jordan ****	62	90	34	0	2	3	1	3	4	2	5	2	2	0	
Kuwait	32	32	21	1	1	2	0	0	1	2	1	1	3	1	0
Lebanon ****	50	113	42	1	3	2	3	3	4	1	0	3	2	3	
Libya	43	54	16	0	3	1	2	0	1	1	1	0			
Morocco	103	79	24	2	3	2	0	1	1	2	1	0	1	1	
Oman	34	39	14	1	1	0	1	1	0	0	0	0	0	0	
Pakistan	5370	5814	2025	125	94	110	99	83	93	119	104	98	80	23	0
Palestine ****	21	38	24	3	1	2	0	1	0	1	0	3	0		
Qatar	7	11	2	0	0	0	0	1	1	0	0	0	0	0	0
Saudi Arabia	227	254	100	6	5	2	9	10	9	13	4	1	1	0	0
Somalia	420	281	112	6	8	3	10	10	5	3	8	7	9	1	
Sudan	442	436	177	7	8	18	5	9	11	12	14	8	7	8	0
Syria ****	306	235	102	13	7	5	3	6	9	3	2				
Tunisia	44	64	27	6	2	0	0	0	0	2	0				
U.A.E	25	31	17	3	1	1	1	0	0	0	1	1	0	0	0
Yemen	578	537	230	5	17	10	10	11	12	14	8	1			
<b>Total EMR</b>	<b>12547</b>	<b>13214</b>	<b>4984</b>	<b>274</b>	<b>257</b>	<b>259</b>	<b>233</b>	<b>242</b>	<b>273</b>	<b>277</b>	<b>242</b>	<b>209</b>	<b>198</b>	<b>97</b>	<b>6</b>

☐ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2014	Total year 2015	22/05		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	24	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	
<b>Total EMR</b>	<b>342</b>	<b>74</b>	<b>28</b>	<b>16</b>	<b>6</b>	<b>1</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>11</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>0</b>

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



Table 3: Investigation of AFP cases with paralysis onset in 2015 &amp; 2016 up to Week (20/16) / Ending on : 22/05/2016)

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	
		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	1	2714	0	13.8	1	0	93.0	20	0	1059	5	0	199	855	0	13.6	31	0	91.8	5	0	22/05/2016
Bahrain	19	0	0	0	19	0	7.0	0	0	94.7	0	0	11	0	0	6	5	0	10.4	0	0	100.0	0	0	22/05/2016
Djibouti	3	0	0	0	3	0	1.0	0	0	66.7	0	0	1	0	0	0	1	0	0.9	0	0	100.0	0	0	22/05/2016
Egypt	1046	0	0	0	1045	1	3.0	0	0	94.2	0	0	433	0	0	142	291	0	2.9	1	0	87.3	0	0	19/05/2016
Iran	780	0	0	0	779	1	4.3	0	0	96.9	0	0	264	0	0	12	252	0	3.6	0	0	93.6	0	0	21/05/2016
Iraq	520	0	0	0	518	2	3.6	0	0	81.9	0	0	249	0	0	44	204	1	4.4	13	1	82.3	0	0	14/05/2016
Jordan	90	0	0	0	90	0	3.2	0	0	96.7	0	0	34	0	0	24	10	0	3.1	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	6.1	0	0	95.2	0	0	22/05/2016
Lebanon	113	0	0	1	112	0	5.2	1	0	84.1	0	0	42	0	0	13	29	0	5.6	2	0	76.2	0	0	21/05/2016
Libya	54	0	0	0	54	0	2.6	0	0	94.4	0	0	16	0	0	4	12	0	2.0	0	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	2	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	4.1	0	0	92.9	0	0	16/05/2016
Pakistan	5814	54	9	31	5716	4	7.4	31	4	87.2	54	0	2025	11	0	300	1714	0	6.6	68	2	89.9	11	0	22/05/2016
Palestine	38	0	0	0	38	0	2.2	0	0	92.1	0	0	24	0	0	11	13	0	3.3	2	0	95.8	0	0	08/05/2016
Qatar	11	0	0	0	11	0	3.7	0	0	100.0	0	0	2	0	0	2	0	0	1.7	0	0	100.0	0	0	22/05/2016
Saudi Arabia	254	0	0	0	254	0	2.7	0	0	98.0	0	0	100	0	0	91	9	0	2.7	23	23	99.0	0	0	22/05/2016
Somalia	281	0	1	0	280	0	4.9	0	0	96.1	0	0	112	0	0	19	93	0	5.0	0	0	100.0	0	0	21/05/2016
Sudan	436	0	0	0	436	0	2.6	0	0	97.3	0	0	177	0	0	20	157	0	2.7	0	0	99.4	0	0	22/05/2016
Syria	235	0	0	0	235	0	3.0	0	0	90.2	0	0	102	0	0	23	79	0	3.4	3	0	90.2	0	0	30/04/2016
Tunisia	64	0	0	0	64	0	2.4	0	0	85.9	0	0	27	0	0	3	24	0	2.6	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	3	14	0	4.3	0	0	100.0	0	0	22/05/2016
Yemen	537	0	0	33	504	0	4.1	33	23	90.7	0	0	230	0	0	178	52	0	4.5	93	83	94.4	0	0	07/05/2016
EMR	13214	74	13	67	13052	8	5.4	67	27	90.2	74	0	4984	16	0	1112	3855	1	5.1	239	110	90.8	16	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 &lt;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

## AFP SURVEILLANCE

Week 20, ending 22 May 2016

23-May-16

Number 920

Table 4: Investigation of contacts of AFP cases with paralysis onset in 2016 up to Week (20/16) / Ending on : (22/05/2016)

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	1059	87	78.2	78.2	423	95.5	64.5	28.3	19.5	9.5	3	0.8		2	1
Bahrain	11	0			0						0			0	0
Djibouti	1	0			0						0			0	0
Egypt	433	62	41.9	40.3	115	73.9	58.3	100.0	13.9	11.1	0	0.0		0	0
Iran	264	18	33.3	33.3	33	78.8	9.1	81.8	3.0	0.0	0	0.0		0	0
Iraq	249	44	75.0	63.6	355	63.4	15.5	90.6	15.8	3.6	0	0.0		0	0
Jordan	34	0			0						0			0	0
Kuwait	21	1	100.0	100.0	29	51.7	72.4	100.0	0.0	0.0	0	0.0		0	0
Lebanon	42	10	10.0	10.0	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	2025	205	78.0	75.6	579	89.3	57.7	68.4	18.6	8.1	2	0.4		0	0
Palestine	24	1	0.0	0.0	0						0			0	0
Qatar	2	0			0						0			0	0
Saudi Arabia	100	1	0.0	0.0	0						0			0	0
Somalia	112	0			328	92.1	98.2	41.0	16.8	7.3	0	0.0		0	0
Sudan	177	1	0.0	0.0	59	72.9	64.4	2.9	14.3	0.0	0	0.0		0	0
Syria	102	10	50.0	20.0	221	30.3	85.1	61.5	1.0	0.0	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	230	13	84.6	61.5	547	60.1	77.7	0.0	16.5	2.3	0	0.0		0	0
Grand Total 2016	4984	465	67.7	63.9	2722	74.7	64.3	55.7	15.3	6.0	5	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 - 22/05/2016

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

## 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
	<b>AFG Total</b>			<b>3</b>	<b>21/04/2015</b>	<b>20/12/2015</b>
	PAK	KHYBER PAKHTOON	PESHAWAR	1	08/06/2015	08/06/2015
			TANK	1	25/01/2015	25/01/2015
	<b>PAK Total</b>			<b>2</b>	<b>25/01/2015</b>	<b>08/06/2015</b>
<b>2015 Total</b>				<b>5</b>	<b>25/01/2015</b>	<b>20/12/2015</b>
2016	AFG	KUNAR	SHIGAL WA SHEL TAN	1	26/02/2016	26/02/2016
		HILMAND	NAWZAD	1	23/01/2016	23/01/2016
	<b>AFG Total</b>			<b>2</b>	<b>23/01/2016</b>	<b>26/02/2016</b>
<b>2016 Total</b>				<b>2</b>	<b>23/01/2016</b>	<b>26/02/2016</b>



**Table 5: Laboratory investigation of AFP cases with paralysis onset in 2016 up to Week (20/16) / Ending on : (22/05/2016)**

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	1003	88	10	156	665	83	2	3	52			17		55			1			15%	100%	97%	97%	21/05/2016	
Bahrain	PNL Oman	10	1			9														1	0%	100%		89%	25/04/2016	
Djibouti	NPL Kenya	1			1																100%			100%	22/05/2016	
Egypt***	RRL Egypt	424	19	1	43	310	42	9		5			6		12			2	1		9%	100%	100%	99%	19/05/2016	
Iran	NPL Iran	291	6		7	252	25	1		5					2						3%	100%	100%	99%	21/05/2016	
Iraq	RRL Egypt	259	11		15	210	17	7		3			9	1	6						11%	100%	100%	92%	19/05/2016	
Jordan	RRL Tunisia	36			1	33	2			2					1						6%	100%	100%	100%	21/05/2016	
Kuwait	RRL Kuwait	27	1			16	4	6												1	0%	100%		94%	19/05/2016	
Lebanon	NPL Jordan	40	2		2	33	3														4%	100%			21/05/2016	
Libya	RRL Tunisia	19				16	3														0%	100%		94%	22/05/2016	
Morocco	RRL Tunisia	23	1		1	18	3													1	16%	90%		95%	20/05/2016	
Oman	NPL Oman	13			3	10															14%	100%		100%	25/04/2016	
Pakistan	RRL Pakistan	2157	152	7	365	1393	238	1	11	76			28		78						16%	100%	100%	98%	21/05/2016	
Palestine & UNRWA		24			1	20		3													5%	40%		100%	08/05/2016	
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	112		9	12	73	6	12		6			8		6					1	22%	10%		98%	21/05/2016	
Sudan	RRL Egypt	163			22	115	5	21													16%	100%		100%	15/05/2016	
Syria	RRL Egypt	114	4		1	94	1	14		2					3						1%	100%	100%	100%	28/04/2016	
Tunisia	RRL Tunisia	38			1	35	2														2%	100%		100%	22/05/2016	
U.A.E	NPL Oman	14			1	13															7%	100%		100%	25/04/2016	
Yemen	RRL Egypt	319	4	1	31	87	10	186		2					2				1		20%	46%	100%	65%	19/05/2016	
<b>Total EMR 2016</b>		5196	289	28	663	3478	444	295	14	153			68	1	166			4	1	3	5	13%	96%	99%	97%	
<b>Total EMR 2015</b>		12986	740	97	2314	9786		46	69	360			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	116
Pending							31
Wild			2				
VDPVP2			7	3	2	3	1
VDPVP1			1		1		
Total	183	178	206	307	413	415	148

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

YEAR	Province	Site	Count	First date	Last Date
2015	VDPVP2	CAIRO	1	16/06/2015	16/06/2015
		GIZA	1	04/02/2015	04/02/2015
		HURGADA	1	26/05/2015	26/05/2015
	VDPVP2 Total		3	04/02/2015	16/06/2015
2016	VDPVP2	SOUTH SINAI	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"**

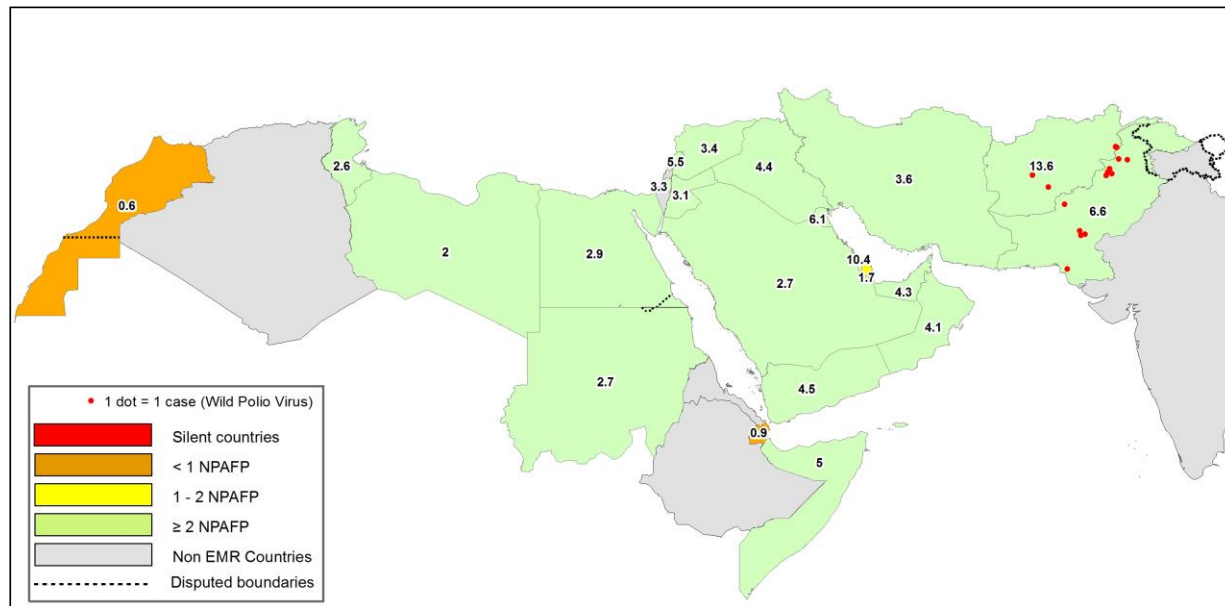
COUNTRY	Status	2009	2010	2011	2012	2013	2014	2015	2016
AFG	Negative					9	78	127	54
	Pending							1	2
	Wild						17	20	
	AFG Total					9	95	148	56
PAK	Negative	27	77	68	150	256	236	347	174
	Pending							1	33
	Wild	18	79	136	89	64	125	79	21
	Wild & VDPV2					2	6	5	
	VDPV2						4	8	
PAK Total		45	156	204	239	322	372	439	228

**Table 7 (b): Environmental Wild/VDPV isolate by site "AFGHANISTAN/PAKISTAN"**

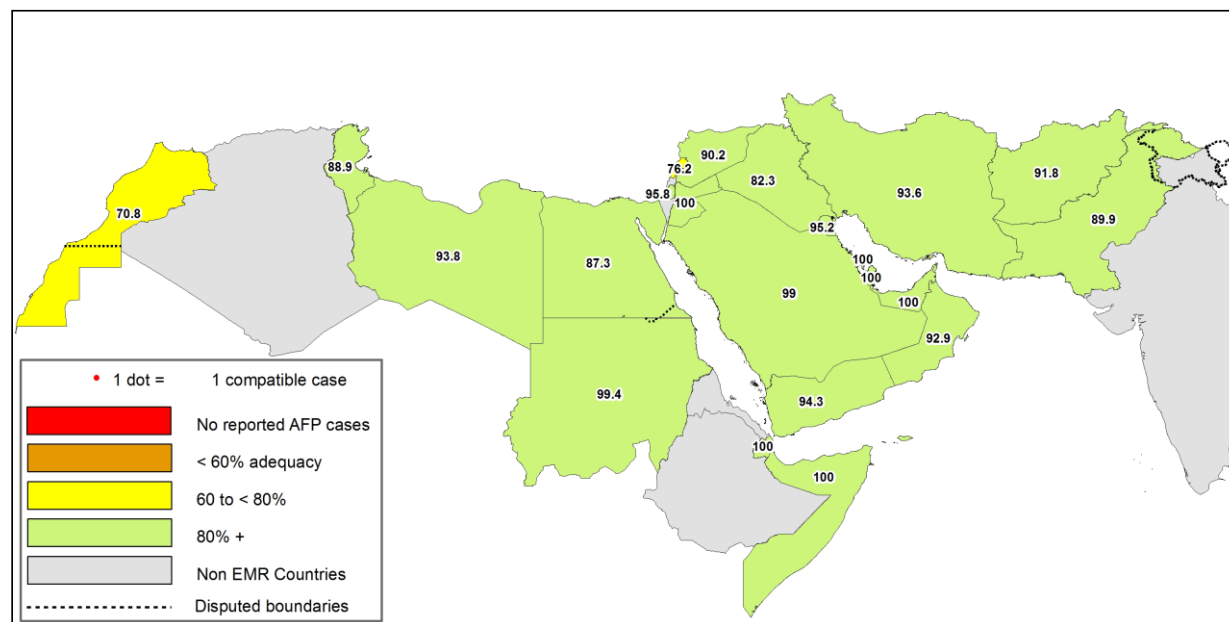
Year	COUNTRY	Status	SITEDIST	SITENAME	Count	Wild	First date	Last date		
2015	AFG	Wild	KABUL	KARTI NAW	1		27/12/2015	27/12/2015		
			JALALABAD	SANGI QALA	2		23/11/2015	27/12/2015		
				RADOR BRIDGE	2		22/02/2015	21/09/2015		
			LASHKARGAH	BOLAN BRIDGE	3		25/01/2015	25/10/2015		
				RADIO MAHALLIE	4		22/02/2015	25/11/2015		
			ASADABAD	MANDACOOL	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
			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					
	QUETTA	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	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					
	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	2		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				21		05/01/2016	22/04/2016			
Grand Total					133		03/01/2015	22/04/2016		



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2016 - 22/05/2016**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2016 - 22/05/2016**



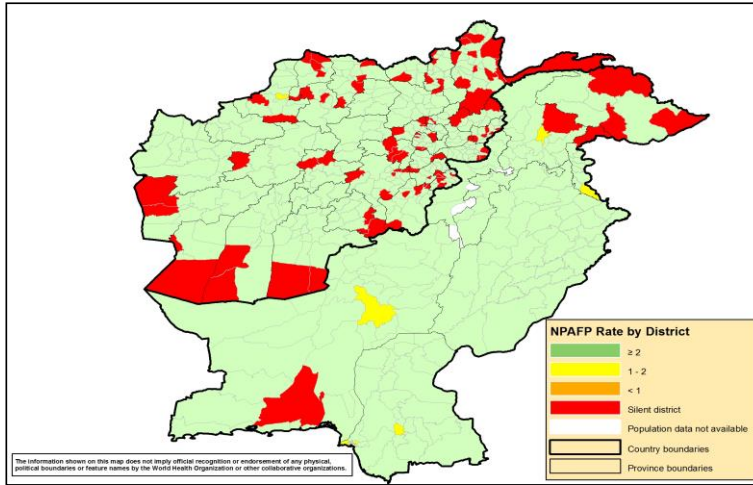
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2015-2016**

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

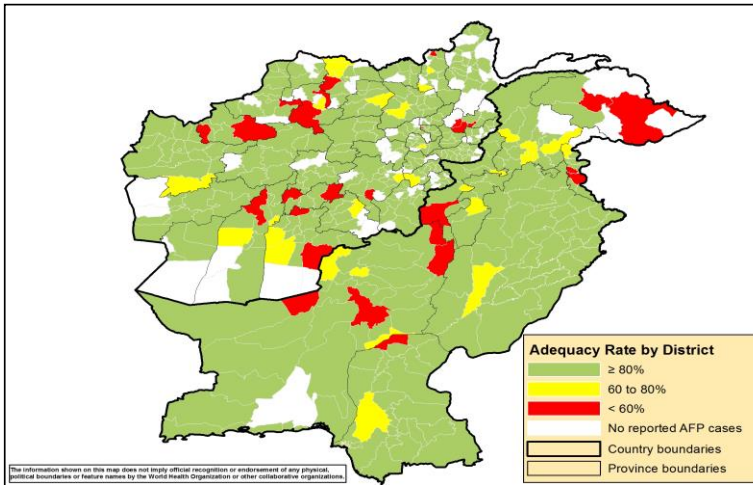
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by District in Afghanistan & Pakistan 01/01/2016 - 22/05/2016**

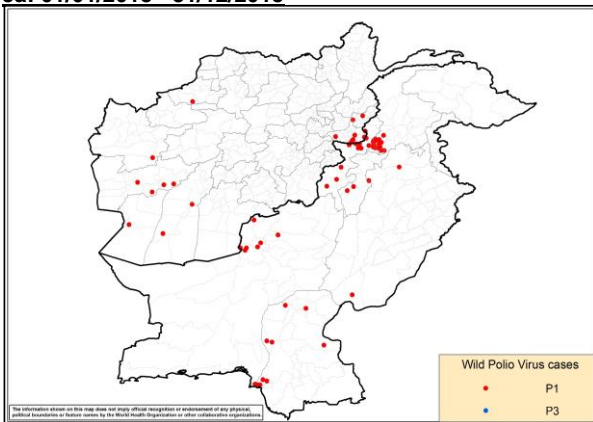


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2016 - 22/05/2016**

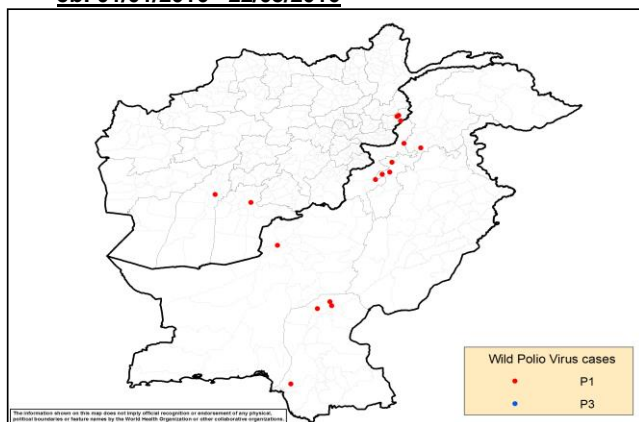


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan**

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



**5b: 01/01/2016 - 22/05/2016**







**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	
GULESTAN		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



