



AFP SURVEILLANCE

29-Feb-16

Week 08, ending 28 February 2016

Number 908

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

Country	Reported AFP cases by week of onset - Week (08/16) / Ending on : 28/02/2016														
	Total AFP 2014	Total AFP 2015	Total AFP to date, 2016	W50 13 Dec 15	W51 20 Dec 15	W52 27 Dec 15	W53 03 Jan 16	W01 10 Jan 16	W02 17 Jan 16	W03 24 Jan 16	W04 31 Jan 16	W05 07 Feb 16	W06 14 Feb 16	W07 21 Feb 16	W08 28 Feb 16
Afghanistan	2421	2738	412	52	53	41	49	57	58	68	44	45	60	40	6
Bahrain	16	19	5	0	0	3	1	1	1	0	0	2	1	0	0
Djibouti	3	3	1	0	0	0	0	0	0	0	1	0	0	0	0
Egypt	1000	1046	147	22	25	22	30	21	23	17	17	18	13	14	10
Iran	753	780	115	16	27	14	11	18	31	13	14	17	10	4	1
Iraq	590	520	117	14	9	13	9	26	21	15	12	20	11	5	
Jordan ****	62	90	9	2	4	3	2	0	1	3	0	0	3	0	
Kuwait	32	32	5	1	1	1	1	0	1	0	0	0	3	1	0
Lebanon ****	50	113	11	2	2	2	1	2	1	0	2	1	1	4	
Libya	43	54	6	1	0	0	1	0	0	2	0	1	0	2	0
Morocco	103	77	5	0	3	2	0	1	0	2	1	1	0		
Oman	34	39	8	2	0	4	3	0	3	3	1	1	0	0	0
Pakistan	5370	5781	621	106	89	95	115	150	105	96	75	66	54	12	0
Palestine ****	21	38	12	0	1	1	2	0	3	1	1	0	4	2	0
Qatar	7	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	227	254	24	11	5	1	4	2	4	6	5	4	1	2	0
Somalia	420	281	30	1	8	1	0	4	5	4	6	4	4	3	
Sudan	442	436	56	6	14	10	11	4	7	5	9	7	11	7	1
Syria ****	306	235	42	5	2	6	4	5	5	4	6	8	6	5	
Tunisia	44	64	10	2	2	2	2	1	3	1	0	2	1	2	
U.A.E	25	31	8	1	0	1	1	2	1	2	0	0	1	1	0
Yemen	578	537	114	18	14	15	10	31	15	19	12	20	9	8	
<b>Total EMR</b>	<b>12547</b>	<b>13179</b>	<b>1758</b>	<b>262</b>	<b>259</b>	<b>237</b>	<b>257</b>	<b>325</b>	<b>288</b>	<b>261</b>	<b>206</b>	<b>217</b>	<b>193</b>	<b>112</b>	<b>18</b>

No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2014	Total year 2015	28/02		Confirmed polio cases by month of onset											
			2015	2016	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016
Afghanistan	28	20	1	0	0	2	1	2	1	3	3	4	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	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	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		
Morocco	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	20	5	2	1	2	4	0	5	4	4	9	3	2	3
Palestine ****	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		
Somalia	5	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 ****	1	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				
<b>Total EMR</b>	<b>342</b>	<b>74</b>	<b>21</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>11</b>	<b>4</b>	<b>2</b>	<b>3</b>

\*\*\*\* 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 (08/16) / Ending on : 28/02/2016)

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	35	2680	0	13.8	16	0	92.9	20	0	412	0	0	158	254	0	12.9	0	0	95.1	0	0	28/02/2016
Bahrain	19	0	0	3	16	0	7.0	0	0	94.7	0	0	5	0	0	5	0	0	11.4	0	0	100.0	0	0	28/02/2016
Djibouti	3	0	0	3	0	0	1.0	3	2	66.7	0	0	1	0	0	1	0	0	2.1	0	0	100.0	0	0	28/02/2016
Egypt	1046	0	0	4	1041	1	3.0	0	0	94.2	0	0	147	0	0	71	76	0	2.6	0	0	78.9	0	0	27/02/2016
Iran	780	0	0	0	779	1	4.3	0	0	96.9	0	0	115	0	0	17	98	0	3.9	0	0	97.4	0	0	28/02/2016
Iraq	520	0	0	26	493	2	3.6	16	0	81.9	0	0	117	0	0	45	72	0	5.0	0	0	78.6	0	0	27/02/2016
Jordan	90	0	0	13	77	0	3.2	3	0	94.4	0	0	9	0	0	9	0	0	2.0	0	0	100.0	0	0	25/02/2016
Kuwait	32	0	0	0	32	0	3.7	0	0	96.9	0	0	5	0	0	4	1	0	3.5	0	0	100.0	0	0	28/02/2016
Lebanon	113	0	0	8	105	0	5.2	7	0	84.1	0	0	11	0	0	8	3	0	3.2	0	0	100.0	0	0	27/02/2016
Libya	54	0	0	0	54	0	2.6	0	0	94.4	0	0	6	0	0	6	0	0	1.8	0	0	83.3	0	0	28/02/2016
Morocco	77	0	0	17	60	0	0.7	16	1	58.4	0	0	5	0	0	4	1	0	0.3	0	0	60.0	0	0	15/02/2016
Oman	39	0	0	0	39	0	4.5	0	0	89.7	0	0	8	0	0	1	7	0	5.7	0	0	100.0	0	0	28/02/2016
Pakistan	5781	54	6	117	5600	4	7.3	68	8	87.5	54	0	621	5	0	140	476	0	4.9	0	0	92.8	5	0	28/02/2016
Palestine	38	0	0	2	36	0	2.2	0	0	92.1	0	0	12	0	0	12	0	0	3.9	0	0	83.3	0	0	28/02/2016
Qatar	11	0	0	0	11	0	3.7	0	0	72.7	0	0	0	0	0	0	0	0	0.0	0	0		0	0	21/02/2016
Saudi Arabia	254	0	0	23	231	0	2.7	0	0	97.6	0	0	24	0	0	24	0	0	1.5	0	0	100.0	0	0	28/02/2016
Somalia	281	0	1	10	270	0	4.9	4	0	96.1	0	0	30	0	0	18	12	0	3.2	0	0	100.0	0	0	27/02/2016
Sudan	436	0	0	0	436	0	2.6	0	0	97.2	0	0	56	0	0	18	38	0	2.1	0	0	100.0	0	0	28/02/2016
Syria	235	0	0	3	232	0	3.0	0	0	90.2	0	0	42	0	0	26	16	0	3.4	0	0	83.3	0	0	27/02/2016
Tunisia	64	0	0	0	64	0	2.4	0	0	85.9	0	0	10	0	0	6	4	0	2.4	0	0	100.0	0	0	26/02/2016
U.A.E	31	0	0	0	31	0	3.0	0	0	90.3	0	0	8	0	0	3	5	0	4.9	0	0	100.0	0	0	28/02/2016
Yemen	537	0	0	146	391	0	4.1	67	43	90.5	0	0	114	0	0	114	0	0	5.5	0	0	95.6	0	0	27/02/2016
EMR	13179	74	10	410	12678	8	5.4	200	54	90.3	74	0	1758	5	0	690	1063	0	4.4	0	0	92.0	5	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



## World Health Organization – Regional Office for Eastern Mediterranean

## AFP SURVEILLANCE

Week 08, ending 28 February 2016

29-Feb-16

Number 908

Table 4: Investigation of contacts of AFP cases with paralysis onset in 2016 up to Week (08/16) / Ending on : (28/02/2016)

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	412	20	10.0	10.0	34	82.4	91.2	72.2	33.3	11.1	0	0.0		0	0
Bahrain	5	0			0						0			0	0
Djibouti	1	0			0						0			0	0
Egypt	147	37	32.4	32.4	48	75.0	62.5	100.0	38.1	4.8	0	0.0		0	0
Iran	115	3	33.3	33.3	12	0.0	0.0	100.0	8.3	0.0	0	0.0		0	0
Iraq	117	25	60.0	56.0	143	63.6	28.0	96.5	11.6	0.0	0	0.0		0	0
Jordan	9	0			0						0			0	0
Kuwait	5	0			2	0.0	0.0	100.0	0.0	0.0	0	0.0		0	0
Lebanon	11	0			0						0			0	0
Libya	6	1	0.0	0.0	0						0			0	0
Morocco	5	2	0.0	0.0	0						0			0	0
Oman	8	0			7	71.4	100.0	71.4	0.0	0.0	0	0.0		0	0
Pakistan	621	45	68.9	68.9	119	89.1	45.4	67.1	10.6	9.4	0	0.0		0	0
Palestine	12	2	0.0	0.0	0						0			0	0
Qatar											0			0	0
Saudi Arabia	24	0			0						0			0	0
Somalia	30	0			84	92.9	100.0	32.4	10.8	5.4	0	0.0		0	0
Sudan	56	0			9	88.9	88.9				0			0	0
Syria	42	7	28.6	14.3	80	25.0	91.3	85.4	0.0	0.0	0	0.0		0	0
Tunisia	10	0			2	0.0	50.0				0			0	0
U.A.E.	8	0			0						0			0	0
Yemen	114	5	80.0	60.0	254	58.3	82.3				0			0	0
<b>Grand Total 2016</b>	<b>1758</b>	<b>147</b>	<b>45.6</b>	<b>43.5</b>	<b>794</b>	<b>65.5</b>	<b>67.6</b>	<b>77.7</b>	<b>12.3</b>	<b>4.2</b>	<b>0</b>	<b>0.0</b>		<b>0</b>	<b>0</b>
<b>Grand Total 2015</b>	<b>13179</b>	<b>1300</b>	<b>78.7</b>	<b>73.1</b>	<b>7412</b>	<b>74.3</b>	<b>63.9</b>	<b>47.6</b>	<b>18.0</b>	<b>5.0</b>	<b>8</b>	<b>0.1</b>	<b>2</b>	<b>5</b>	<b>3</b>

\* 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 - 28/02/2016

Year	Country	Count of wild contacts	Date of Most Recent stool collection
2015	Afghanistan	6	13/01/2016
	Pakistan	2	27/07/2015
<b>2015 Total</b>		<b>8</b>	<b>13/01/2016</b>

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

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>
2015	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>



**Table 5: Laboratory investigation of AFP cases with paralysis onset in 2016 up to Week (08/16) / Ending on : (28/02/2016)**

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	381	21	1	41	209	106	3		10			1			12						2	14%	100%	100%	100%	27/02/2016	
Bahrain	PNL Oman	2				2																		0%	100%		100%	24/02/2016
Djibouti	NPL Kenya	1						1																				28/02/2016
Egypt***	RRL Egypt	136	2	1	12	84	33	4		1			1			1								11%	100%	100%	100%	28/02/2016
Iran	NPL Iran	124	4		1	98	21			4						1								1%	99%	100%	100%	27/02/2016
Iraq	RRL Egypt	115	4		6	75	27	3					1			1								12%	100%	100%	100%	25/02/2016
Jordan	RRL Tunisia	9			1	8																		11%	100%			28/02/2016
Kuwait	RRL Kuwait	5	1			1	2	1														1		0%	100%		100%	18/02/2016
Lebanon	NPL Jordan	7			1	5	1																	8%	100%			28/02/2016
Libya	RRL Tunisia	6				3	3																	0%	100%		67%	28/02/2016
Morocco	RRL Tunisia	8				5	2	1																23%	100%		100%	26/02/2016
Oman	NPL Oman	9			3	5	1																	14%	100%		100%	24/02/2016
Pakistan	RRL Pakistan	768	68	1	84	441	173	1	5	33			8			36						1		13%	100%	100%	100%	20/02/2016
Palestine & UNRWA		11			1	5	3	2																17%	33%		100%	28/02/2016
Qatar	NPL Oman																											24/02/2016
Saudi Arabia	NPL Oman	22				5		17								1								0%	100%	100%	100%	23/02/2015
Somalia	NPL Kenya	30		1	3	9	7	10														1		31%	25%		100%	27/02/2016
Sudan	RRL Egypt	57			2	39	16																	6%	100%			28/01/2016
Syria	RRL Egypt	41				24	12	5																1%	100%			25/02/2016
Tunisia	RRL Tunisia	12				7	5																	0%	100%		100%	28/02/2016
U.A.E	NPL Oman	6			1	4		1																20%	100%		100%	24/02/2016
Yemen	NPL Kenya	114					20	94																				27/02/2016
<b>Total EMR 2016</b>		1864	100	4	156	1029	432	143	5	48			11			52						5		11%	99%	100%	100%	
<b>Total EMR 2015</b>		12985	736	95	2296	9698	5	152	69	356			186	9		411			4	31	10	1		16%	92%	99%	95%	

\* 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	413	47
Pending							16
Wild			2				
VDPVP2			7	3	2	3	
VDPVP1			1		1		
Total	183	178	206	307	413	416	63

**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

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

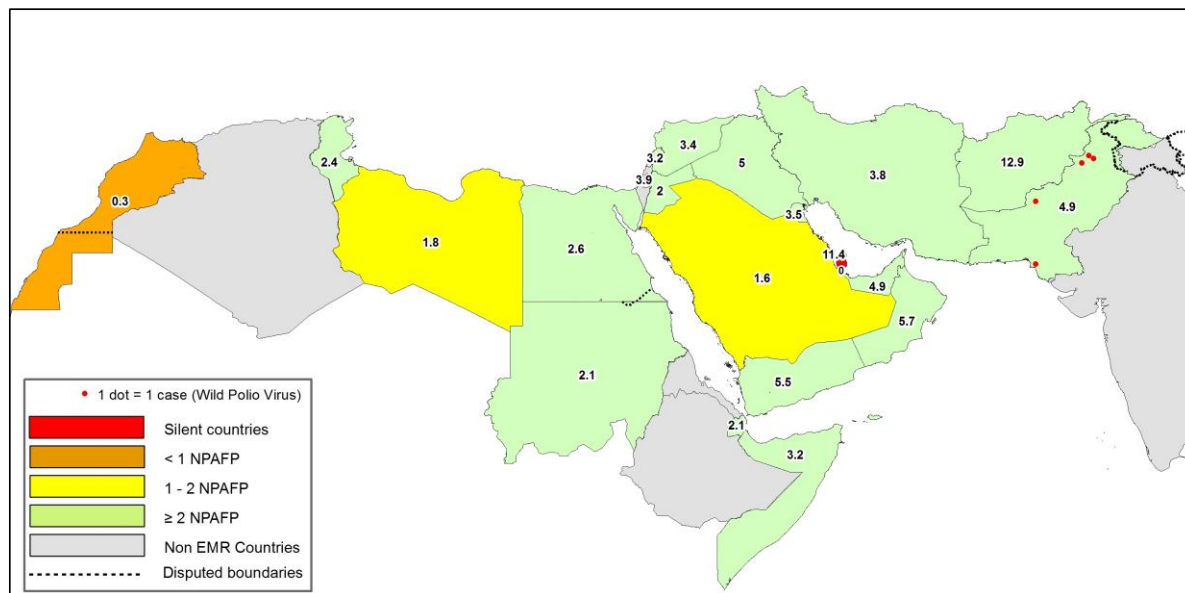
COUNTRY1	Status	2009	2010	2011	2012	2013	2014	2015	2016
AFG	Negative					9	78	127	15
	Pending							1	7
	Wild						17	20	
AFG Total						9	95	148	22
PAK	Negative	27	77	68	150	256	236	347	42
	Pending							1	22
	Wild	18	79	136	89	64	125	79	10
	Wild & VDPV2					2	6	5	
PAK Total		45	156	204	239	322	372	439	74

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

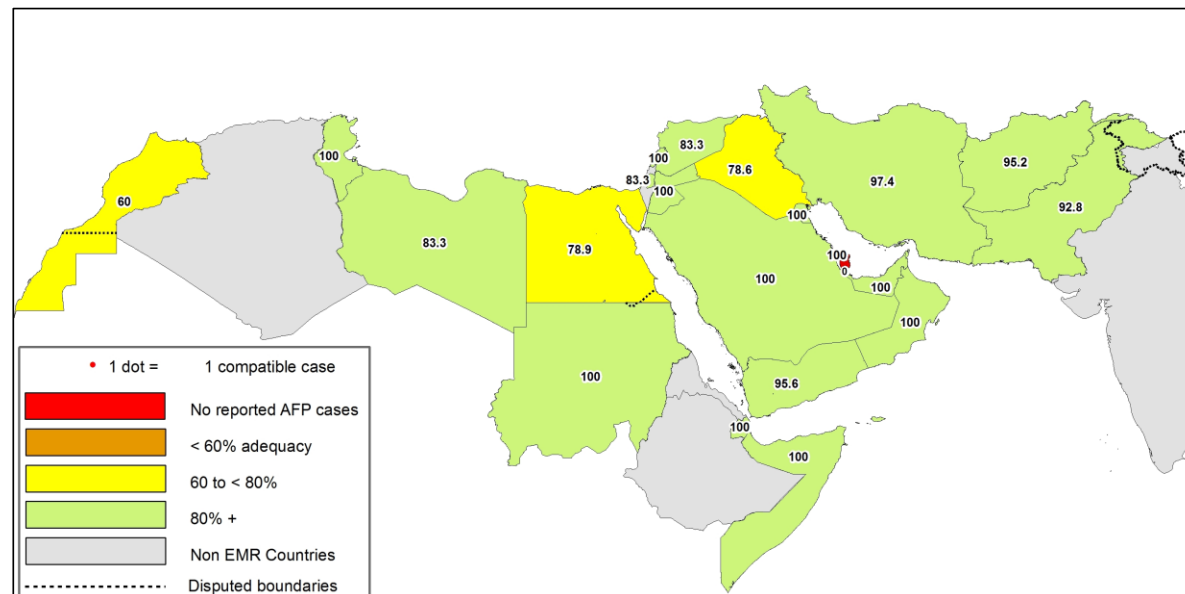
Year	COUNTR	Status	SITEDIST	SITENAME	Count	Wild	First date	Last date			
2015	AFG	Wild	KABUL	KARTI NAW	1		27/12/2015	27/12/2015			
			JALALABAD	SANGI QALA	2		23/11/2015	27/12/2015			
				RADOR BRIDGE	2		22/02/2015	21/09/2015			
			LASHKARGAH	BOLAN BRIDGE	3		25/01/2015	25/10/2015			
				RADIO MAHALLIE	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			
			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
			2015	PAK	Wild	KHL 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			
KHL GULSHAN-E-IQBAL TOWN	KHAMISO GOTH	3					20/01/2015	17/11/2015			
	CHAKORA NULLA	2					13/01/2015	05/05/2015			
RAWALPINDI	RASHID MINHAS RD LAY	4					02/03/2015	14/12/2015			
	SAFDAR ABAD	1					10/10/2015	10/10/2015			
PESHAWAR	DHOKE DALLAL	4					10/03/2015	14/12/2015			
	LARA MA	3					03/01/2015	24/08/2015			
HYDERABAD	SHAHEEN TOWN	8					10/01/2015	11/12/2015			
	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			
2015	PAK	Wild & VDPV2				LAHORE	SUR PUL	4		20/01/2015	20/09/2015
							MULTAN ROAD STATION	2		19/02/2015	19/06/2015
						SUKKUR	OUTFALL STATION-F	1		12/10/2015	12/10/2015
							OUTFALL STATION-G	1		12/01/2015	12/01/2015
						MULTAN	MAKKA PUMPING STATION	2		06/01/2015	04/02/2015
							MIANI PUMPING STATION	4		05/02/2015	11/09/2015
						CDA	ALI TOWN	1		18/08/2015	18/08/2015
							KOTLA ABDUL FATAH	2		28/07/2015	31/08/2015
						DIKHAN	SURAJ MIANI	1		08/04/2015	08/04/2015
			SABZI MANDI	2			12/01/2015	17/08/2015			
			KABDULLAH	MODC DRAIN	2		04/03/2015	04/08/2015			
ZAFAR ABAD DRAIN	1			05/05/2015	05/05/2015						
QUETTA	ARMY KAZIBA	2		01/03/2015	01/06/2015						
	HADI PACKET	1		15/01/2015	15/01/2015						
PESHAWAR	JAM-E-SALFIA	2		12/09/2015	12/12/2015						
	JATAK KILLI & TAKHTHANI BY PASS	1		28/03/2015	28/03/2015						
KHL GADAP TOWN	LARA MA	1		26/02/2015	26/02/2015						
	SOHRAB GOTH	1		22/01/2015	22/01/2015						
KHL GULSHAN-E-IQBAL TOWN	RASHID MINHAS RD LAY	2		08/06/2015	07/07/2015						
	OUTFALL STATION-G	1		13/04/2015	13/04/2015						
KHL 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	2		11/01/2016	10/02/2016			
				SOHRAB GOTH	1		27/01/2016	27/01/2016			
			KHL GADAP TOWN	MACHAR COLONY	1		08/02/2016	08/02/2016			
				KHAMISO GOTH	1		09/02/2016	09/02/2016			
			FAISALABAD	PUMPING STATION 3 ACHIKAIRA	1		03/02/2016	03/02/2016			
				RASHID MINHAS RD LAY	1		18/01/2016	18/01/2016			
			KABDULLAH	HADI PACKET	1		15/01/2016	15/01/2016			
				MAKKA PUMPING STATION	1		12/01/2016	12/01/2016			
			HYDERABAD	TULSIDAS PUMPING STATION	1		05/01/2016	05/01/2016			
					10		05/01/2016	10/02/2016			
PAK Total					122		03/01/2015	10/02/2016			
Grand Total											



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2016 - 28/02/2016**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2016 - 28/02/2016**



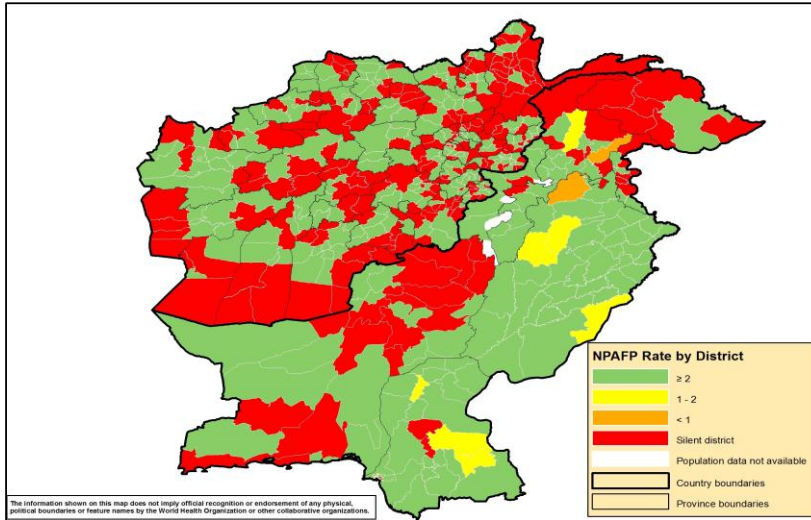
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2015-2016**

Year	COUNTRY	Count	First Case	Last Case
2015	PAK	54	03/01/2015	31/12/2015
	AFG	20	21/01/2015	20/12/2015
2015 Total		74	03/01/2015	31/12/2015
2016	PAK	5	17/01/2016	12/02/2016
2016 Total		5	17/01/2016	12/02/2016

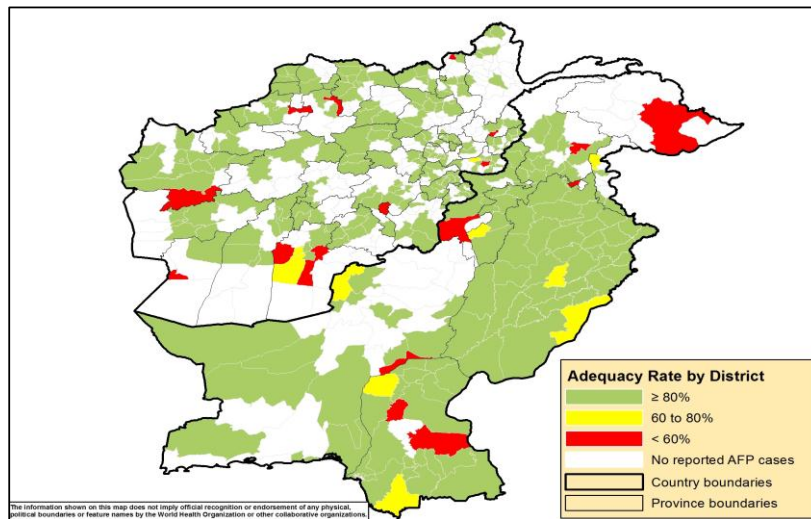
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by District in Afghanistan & Pakistan 01/01/2016 - 28/02/2016**

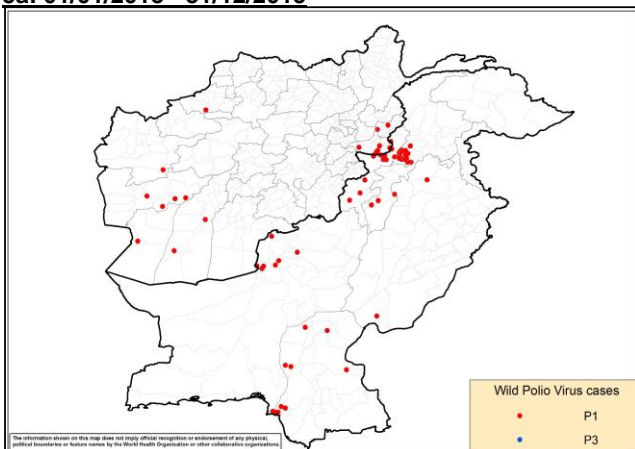


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2016 - 28/02/2016**

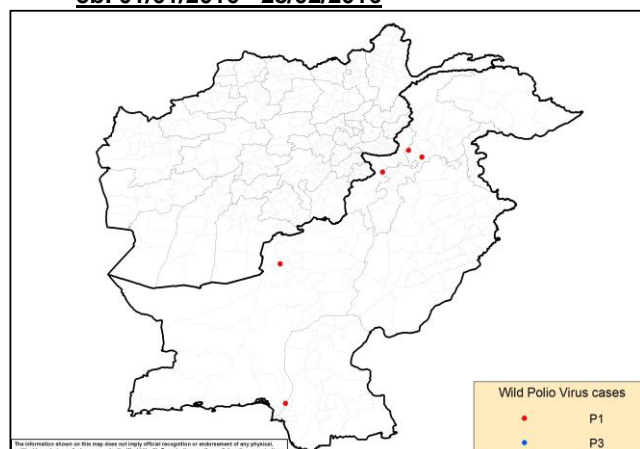


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan 01/01/2016 - 28/02/2016**

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



**5b: 01/01/2016 - 28/02/2016**





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

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

**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	17/01/2015	31/12/2015	
		CHARSADA	1	20/04/2015	20/04/2015	
		TANK	2	03/01/2015	25/01/2015	
		LAKKIMRWT	1	07/01/2015	07/01/2015	
		NOWSHERA	1	05/01/2015	05/01/2015	
	PUNJAB	RYKHAN	1	02/12/2015	02/12/2015	
		CHAKWAL	1	11/09/2015	11/09/2015	
	SINDH	KHIBALDIA	2	11/11/2015	21/11/2015	
		KHIGIQBAL	1	18/11/2015	18/11/2015	
		KHAIRPUR	1	02/11/2015	02/11/2015	
		KHIGADAP	2	10/10/2015	02/11/2015	
		KHIKAMARI	1	01/11/2015	01/11/2015	
		KHIGULBERG	1	14/09/2015	14/09/2015	
		DADU	2	10/02/2015	19/02/2015	
		SUKKUR	1	13/02/2015	13/02/2015	
		KAMBAR	1	04/01/2015	04/01/2015	
		BALOCHISTAN	QUETTA	5	20/02/2015	20/11/2015
	LORALAI		1	09/02/2015	09/02/2015	
	KABDULAH		1	03/02/2015	03/02/2015	
	FATA	KHYBER	11	05/01/2015	14/11/2015	
		FR PESHAWAR	2	14/09/2015	22/10/2015	
		WAZIR-S	2	07/01/2015	24/05/2015	
		WAZIR-N	1	06/05/2015	06/05/2015	
	2015 Total			54	03/01/2015	31/12/2015
	2016	KHYBER PAKHTOON	PESHAWAR	1	12/02/2016	12/02/2016
			HANGU	1	09/02/2016	09/02/2016
			NOWSHERA	1	22/01/2016	22/01/2016
BALOCHISTAN		QUETTA	1	01/02/2016	01/02/2016	
SINDH		KHIGADAP	1	17/01/2016	17/01/2016	
2016 Total			5	17/01/2016	12/02/2016	

**Table 11: Circulating VDPV cases and date of onset of paralysis in EMR countries by districts 2015 - 2016**

Year	COUNTRY	PROVINCE	DISTRICT	cVDPV2		
				Count	First Case	Last Case
2015	PAK	FATA	KHYBER	1	09/02/2015	09/02/2015
		KHYBER PAKHTOON	HANGU	1	05/02/2015	05/02/2015
	PAK Total				2	05/02/2015
2015 Total				2	05/02/2015	09/02/2015