



AFP SURVEILLANCE

9-May-16

Week 18, ending 8 May 2016

Number 918

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

Country	Reported AFP cases by week of onset - Week (18/16) / Ending on : 08/05/2016														
	Total AFP 2014	Total AFP 2015	Total AFP to date, 2016	W07 21 Feb 16	W08 28 Feb 16	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
Afghanistan	2421	2738	939	61	50	45	56	44	50	47	59	53	46	34	7
Bahrain	16	19	11	0	0	0	2	0	1	1	1	1	0	0	0
Djibouti	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	1000	1046	391	17	29	26	23	29	18	18	27	31	27	17	5
Iran	753	780	235	17	19	13	10	9	6	18	10	8	6	1	0
Iraq	590	520	239	11	16	11	10	16	14	17	14	5	7	2	
Jordan ****	62	90	32	1	0	0	2	3	1	3	4	2	5	2	
Kuwait	32	32	17	3	1	1	1	2	0	0	1	2	1	1	0
Lebanon ****	50	113	34	4	2	1	3	1	3	3	4	1	0	2	
Libya	43	54	16	2	1	0	3	1	2	0	1	1	1	0	
Morocco	103	79	20	0	2	2	3	2	0	1	1	1	0	0	
Oman	34	39	13	0	1	1	0	0	1	1	0	0	0	0	
Pakistan	5370	5814	1734	112	109	124	91	107	92	78	85	99	52	16	0
Palestine ****	21	38	24	2	1	3	1	2	0	1	0	1	0	3	0
Qatar	7	11	2	0	0	0	0	0	0	1	1	0	0	0	0
Saudi Arabia	227	254	88	7	8	6	5	2	9	10	8	8	0	0	0
Somalia	420	281	97	6	9	6	8	3	10	10	5	3	8	2	
Sudan	442	436	153	10	12	7	8	18	5	9	11	12	12	1	0
Syria ****	306	235	102	7	9	13	7	5	3	6	9	3	2		
Tunisia	44	64	27	5	2	6	2	0	0	0	0	2	0		
U.A.E	25	31	15	1	1	3	1	1	1	0	0	0	0	0	0
Yemen	578	537	230	17	10	5	17	10	10	11	12	14	8	1	
<b>Total EMR</b>	<b>12547</b>	<b>13214</b>	<b>4420</b>	<b>283</b>	<b>282</b>	<b>273</b>	<b>253</b>	<b>255</b>	<b>226</b>	<b>235</b>	<b>253</b>	<b>247</b>	<b>175</b>	<b>82</b>	<b>12</b>

☐ No data = No report received

Table 2: Confirmed polio cases by month of onset

Country	Total year 2014	Total year 2015	08/05		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	9	4	0	5	4	4	9	3	2	4	2	1	
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>14</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>2</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 (18/16) / Ending on : 08/05/2016)

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	2	2713	0	13.8	2	0	93.0	20	0	939	5	0	184	750	0	13.4	20	0	91.5	5	0	08/05/2016
Bahrain	19	0	0	0	19	0	7.0	0	0	94.7	0	0	11	0	0	6	5	0	11.5	0	0	100.0	0	0	08/05/2016
Djibouti	3	0	0	3	0	0	1.0	3	2	66.7	0	0	1	0	0	1	0	0	1.0	1	0	100.0	0	0	17/04/2016
Egypt	1046	0	0	0	1045	1	3.0	0	0	94.2	0	0	391	0	0	123	268	0	2.9	3	0	88.5	0	0	05/05/2016
Iran	780	0	0	0	779	1	4.3	0	0	96.9	0	0	235	0	0	19	216	0	3.6	0	0	94.5	0	0	08/05/2016
Iraq	520	0	0	0	518	2	3.6	0	0	81.9	0	0	239	0	0	45	193	1	4.7	15	1	81.6	0	0	07/05/2016
Jordan	90	0	0	0	90	0	3.2	0	0	96.7	0	0	32	0	0	24	8	0	3.3	0	0	93.8	0	0	05/05/2016
Kuwait	32	0	0	0	32	0	3.7	0	0	96.9	0	0	17	0	0	4	13	0	5.5	0	0	94.1	0	0	08/05/2016
Lebanon	113	0	0	1	112	0	5.2	1	0	84.1	0	0	34	0	0	8	26	0	5.0	1	0	79.4	0	0	07/05/2016
Libya	54	0	0	0	54	0	2.6	0	0	94.4	0	0	16	0	0	4	12	0	2.2	0	0	93.8	0	0	07/05/2016
Morocco	79	0	0	1	78	0	0.8	1	0	57.0	0	0	20	0	0	7	13	0	0.5	2	0	75.0	0	0	06/05/2016
Oman	39	0	0	0	39	0	4.5	0	0	97.4	0	0	13	0	0	2	11	0	4.2	1	0	100.0	0	0	02/05/2016
Pakistan	5814	54	9	31	5716	4	7.4	31	4	87.2	54	0	1734	9	0	246	1479	0	6.3	50	4	89.9	9	0	08/05/2016
Palestine	38	0	0	0	38	0	2.2	0	0	92.1	0	0	24	0	0	11	13	0	3.6	0	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	1.9	0	0	100.0	0	0	08/05/2016
Saudi Arabia	254	0	0	0	254	0	2.7	0	0	98.0	0	0	88	0	0	88	0	0	2.6	24	24	98.9	0	0	08/05/2016
Somalia	281	0	1	6	274	0	4.9	6	3	96.1	0	0	97	0	0	18	79	0	4.8	0	0	100.0	0	0	07/05/2016
Sudan	436	0	0	0	436	0	2.6	0	0	97.2	0	0	153	0	0	15	138	0	2.6	0	0	100.0	0	0	08/05/2016
Syria	235	0	0	0	235	0	3.0	0	0	90.2	0	0	102	0	0	23	79	0	3.7	2	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	2.9	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	15	0	0	4	11	0	4.2	0	0	100.0	0	0	08/05/2016
Yemen	537	0	0	33	504	0	4.1	33	23	90.7	0	0	230	0	0	178	52	0	5.0	84	77	94.3	0	0	07/05/2016
EMR	13214	74	13	77	13042	8	5.4	77	32	90.2	74	0	4420	14	0	1015	3390	1	5.0	204	107	90.9	14	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 18, ending 8 May 2016

9-May-16

Number 918

Table 4: Investigation of contacts of AFP cases with paralysis onset in 2016 up to Week (18/16) / Ending on : (08/05/2016)

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	939	80	81.3	81.3	399	95.2	64.4	31.4	19.2	10.5	3	0.9		2	1
Bahrain	11	0			0						0			0	0
Djibouti	1	0			0						0			0	0
Egypt	391	52	38.5	38.5	89	70.8	69.7	100.0	14.5	11.6	0	0.0		0	0
Iran	235	14	35.7	35.7	27	77.8	0.0	88.9	3.7	0.0	0	0.0		0	0
Iraq	239	44	72.7	63.6	347	63.1	14.4	90.4	15.3	3.8	0	0.0		0	0
Jordan	32	2	0.0	0.0	0						0			0	0
Kuwait	17	1	100.0	100.0	17	41.2	47.1	100.0	0.0	0.0	0	0.0		0	0
Lebanon	34	7	14.3	14.3	3	100.0	0.0	0.0	0.0	0.0	0	0.0		0	0
Libya	16	1	0.0	0.0	0						0			0	0
Morocco	20	5	60.0	60.0	13	61.5	69.2	44.4	0.0	0.0	0	0.0		0	0
Oman	13	0			11	81.8	100.0	81.8	0.0	0.0	0	0.0		0	0
Pakistan	1734	175	76.6	74.9	478	88.9	60.7	66.3	18.2	7.9	2	0.5		0	0
Palestine	24	1	0.0	0.0	0						0			0	0
Qatar	2	0			0						0			0	0
Saudi Arabia	88	1	0.0	0.0	0						0			0	0
Somalia	97	0			283	91.5	100.0	38.6	14.8	5.9	0	0.0		0	0
Sudan	153	0			59	72.9	64.4	0.0	11.1	0.0	0	0.0		0	0
Syria	102	10	50.0	20.0	221	30.3	85.1	63.7	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.	15	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	4420	409	68.0	64.5	2499	73.3	65.0	56.6	14.7	5.9	5	0.3		2	1
Grand Total 2015	13214	1309	79.7	74.0	7465	74.3	63.7	46.0	17.7	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, 01/01/2015 - 08/05/2016

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 (18/16) / Ending on : (08/05/2016)**

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	905	79	9	134	581	102		3	46			15			51		1			15%	100%	97%	97%	09/05/2016	
Bahrain	PNL Oman	10	1			9													1		0%	100%		89%	25/04/2016	
Djibouti	NPL Kenya	1			1																100%			100%	17/04/2016	
Egypt***	RRL Egypt	354	18	1	34	245	10	46		5			6			12		1	2		9%	100%	100%	100%	03/05/2016	
Iran	NPL Iran	261	5		7	231	18			4						2					3%	100%	100%	99%	08/05/2016	
Iraq	RRL Egypt	238	11		12	198	10	7		1			7	1		4					11%	100%	100%	90%	05/05/2016	
Jordan	RRL Tunisia	32			1	29	2			2						1					6%	100%	100%	100%	08/05/2016	
Kuwait	RRL Kuwait	22	1			16	1	4											1		0%	100%		94%	02/05/2016	
Lebanon	NPL Jordan	36	2		2	30	1	1													4%	100%			08/05/2016	
Libya	RRL Tunisia	15				13	1	1													0%	100%		92%	29/04/2016	
Morocco	RRL Tunisia	20	1			17	2												1		13%	89%		94%	29/04/2016	
Oman	NPL Oman	13			3	10															14%	100%		100%	25/04/2016	
Pakistan	RRL Pakistan	1873	139	6	304	1222	197	3	9	70			28			70					15%	100%	100%	98%	09/05/2016	
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	15	16								1					1%	100%	100%	100%	08/05/2015	
Somalia	NPL Kenya	97	1	8	11	62	8	7		5			6			5				3	23%	10%		97%	07/05/2016	
Sudan	RRL Egypt	152			17	108	13	14													12%	100%			08/05/2016	
Syria	RRL Egypt	113	4		1	93	2	13													1%	100%			28/04/2016	
Tunisia	RRL Tunisia	34			1	28	2	3													2%	100%		100%	29/04/2016	
U.A.E	NPL Oman	14			1	13															7%	100%		100%	25/04/2016	
Yemen	RRL Egypt	270	4	1	27	64	4	170		2						2			1		22%	31%	100%	57%	03/05/2016	
<b>Total EMR 2016</b>		4593	266	25	557	3065	391	287	12	135			62	1		148		1	1	3	6	13%	96%	99%	97%	
<b>Total EMR 2015</b>		12988	739	97	2312	9786		51	69	361			188	8		415		4	31	10	1	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	80
Pending							26
<b>Wild</b>			2				
VDPVP2			7	3	2	3	1
VDPVP1			1		1		
<b>Total</b>	183	178	206	307	413	415	107

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

YEAR	VDPVP2	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
	<b>VDPVP2 Total</b>			<b>3</b>	<b>04/02/2015</b>	<b>16/06/2015</b>
2016	VDPVP2	South Sinai	Al-Tur	1	15/03/2016	15/03/2016
			<b>VDPVP2 Total</b>	<b>1</b>	<b>15/03/2016</b>	<b>15/03/2016</b>

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

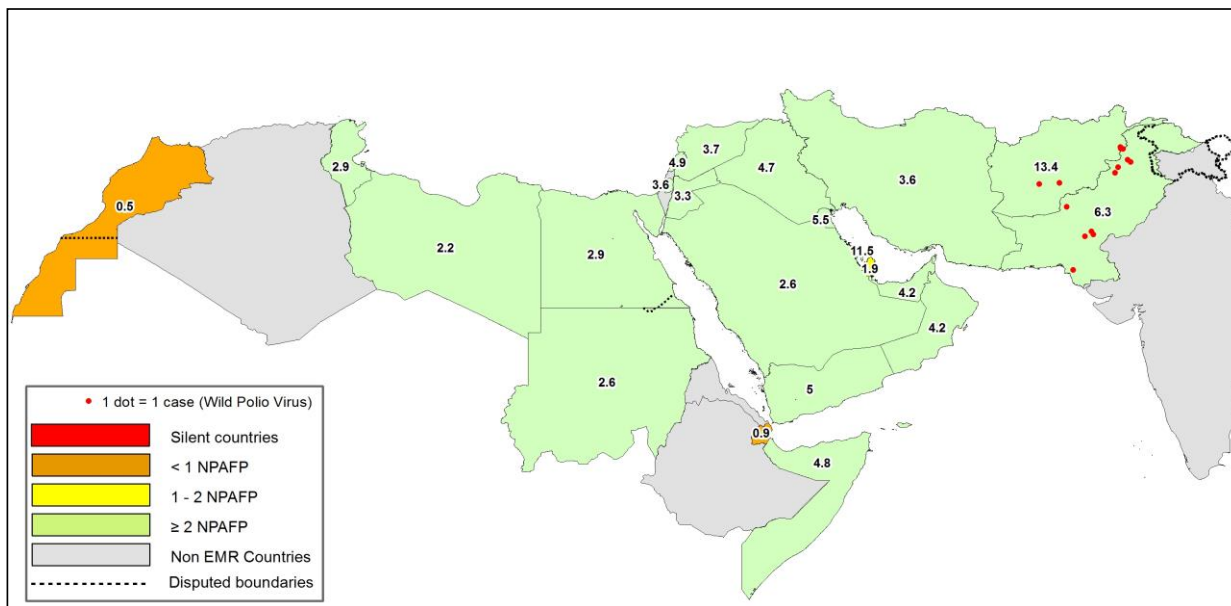
COUNTRY1	Status	2009	2010	2011	2012	2013	2014	2015	2016	
AFG	Negative						9	78	127	43
	Pending								1	12
	<b>Wild</b>							<b>17</b>	<b>20</b>	
<b>AFG Total</b>							<b>9</b>	<b>95</b>	<b>148</b>	<b>55</b>
PAK	Negative	27	77	68	150	256	236	347	153	
	Pending							1	33	
	<b>Wild</b>	<b>18</b>	<b>79</b>	<b>136</b>	<b>89</b>	<b>64</b>	<b>125</b>	<b>79</b>	<b>17</b>	
	<b>Wild &amp; VDPV2</b>					<b>2</b>	<b>6</b>	<b>5</b>		
<b>PAK Total</b>		<b>45</b>	<b>156</b>	<b>204</b>	<b>239</b>	<b>322</b>	<b>372</b>	<b>439</b>	<b>203</b>	

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

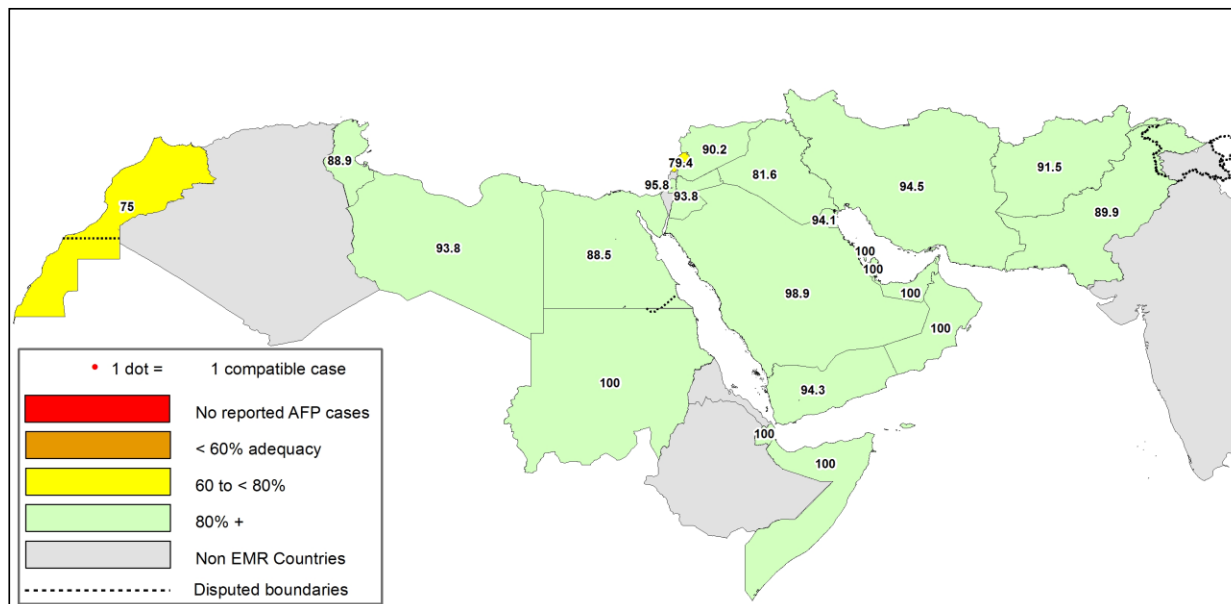
Year	COUNTRY	Status	SITEDIST	SITENAME	Count	Wild	First date	Last date			
2015	AFG	Wild	KABUL	KARTI NAW	1		27/12/2015	27/12/2015			
			JALALABAD	SANGI QALA	2		23/11/2015	27/12/2015			
			LASHKARGAH	RADOR BRIDGE	2		22/02/2015	21/09/2015			
				BOLAN BRIDGE	3		25/01/2015	25/10/2015			
				RADIO MAHALLIE	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			
				<b>AFG Total</b>			<b>20</b>		<b>04/01/2015</b>	<b>27/12/2015</b>	
			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						
	<b>Wild &amp; VDPV2</b>	<b>2</b>		<b>12/09/2015</b>	<b>12/12/2015</b>						
	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						
	<b>VDPV2</b>	<b>2</b>		<b>08/06/2015</b>	<b>07/07/2015</b>						
KHI.GULSHAN-E-IQBAL TOWN	RASHID MINHAS RD LAY	2		13/04/2015	13/04/2015						
LAHORE	OUTFALL STATION-G	2		23/02/2015	18/03/2015						
KHI.GADAP TOWN	SOHRAB GOTH	3		14/01/2015	16/03/2015						
	MACHAR COLONY	3		14/01/2015	16/03/2015						
	<b>PAK Total</b>	<b>92</b>		<b>03/01/2015</b>	<b>22/12/2015</b>						
2016	PAK	Wild	SUKKUR	MAKKA PUMPING STATION	2		12/01/2016	19/03/2016			
			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			
			PESHAWAR	SHAHEEN TOWN	3		11/01/2016	02/03/2016			
			QUETTA	JAM-E-SALFIA	2		12/02/2016	12/02/2016			
			JACOBABAD	SADDAR PUMPING STATION	1		04/02/2016	04/02/2016			
			FAISALABAD	PUMPING STATION 3 ACHIKAIRA	2		03/02/2016	03/02/2016			
			KHI.GULSHAN-E-IQBAL TOWN	RASHID MINHAS RD LAY	1		18/01/2016	18/01/2016			
			KABDULLAH	HADI PACKET	1		15/01/2016	15/01/2016			
			HYDERABAD	TULSIDAS PUMPING STATION	1		05/01/2016	05/01/2016			
				<b>PAK Total</b>	<b>17</b>		<b>05/01/2016</b>	<b>19/03/2016</b>			
			<b>Grand Total</b>				<b>129</b>		<b>03/01/2015</b>	<b>19/03/2016</b>	



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2016 - 08/05/2016**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2016 - 08/05/2016**



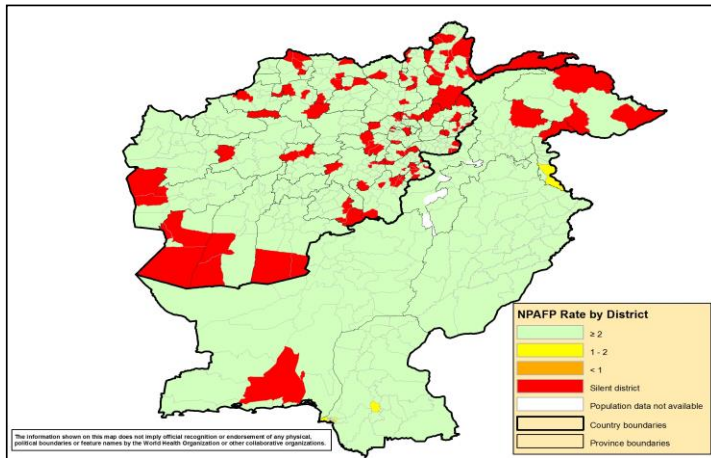
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2015-2016**

Year	COUNTRY	Count	First Case	Last Case
2015	PAK	54	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	9	17/01/2016	12/04/2016
	AFG	5	23/01/2016	04/04/2016
2016 Total		14	17/01/2016	12/04/2016

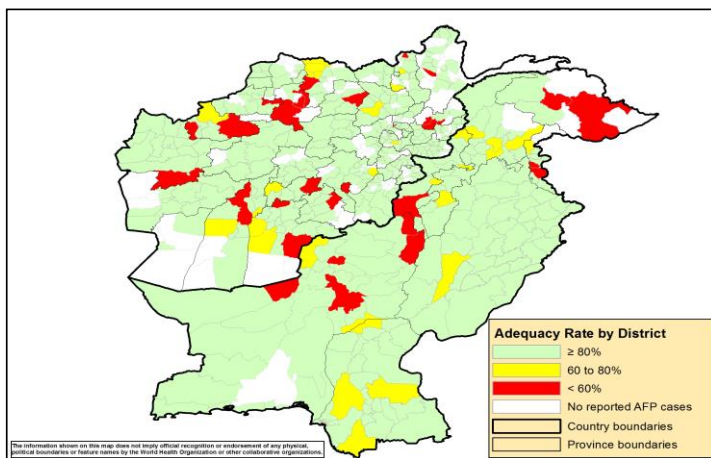
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by District in Afghanistan & Pakistan 01/01/2016 - 08/05/2016**

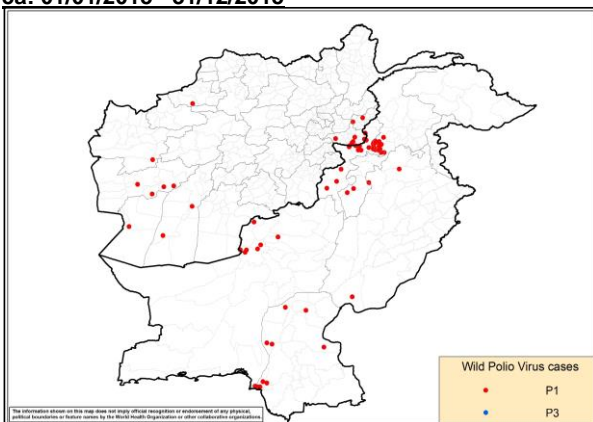


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2016 - 08/05/2016**

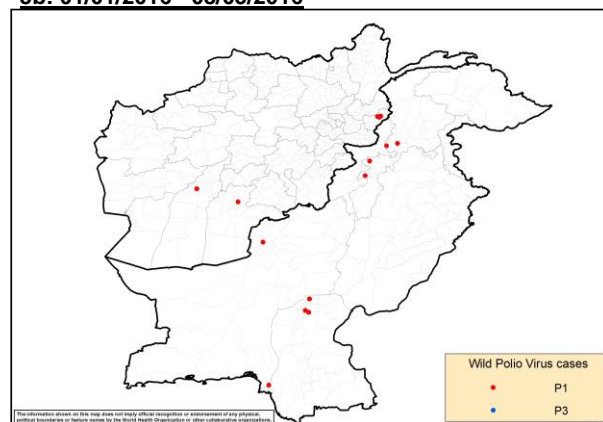


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan**

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



**5b: 01/01/2016 - 08/05/2016**





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**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	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		
<b>2015 Total</b>			<b>20</b>	<b>21/01/2015</b>	<b>20/12/2015</b>	
2016	KANDAHAR	SHAHWALIKOT	1	04/04/2016	04/04/2016	
	KUNAR	SHIGAL WA SHELTON	3	01/02/2016	27/03/2016	
	HILMAND	NAWZAD	1	23/01/2016	23/01/2016	
<b>2016 Total</b>			<b>5</b>	<b>23/01/2016</b>	<b>04/04/2016</b>	

**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
<b>2015 Total</b>			<b>54</b>	<b>03/01/2015</b>	<b>31/12/2015</b>
2016	SINDH	SHIKARPUR	2	05/03/2016	12/04/2016
		JACOBABAD	1	10/02/2016	10/02/2016
		KHIGADAP	1	17/01/2016	17/01/2016
	KHYBER PAKHTOON	BANNU	1	22/03/2016	22/03/2016
		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	
<b>2016 Total</b>			<b>9</b>	<b>17/01/2016</b>	<b>12/04/2016</b>





**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	09/02/2015
2015 Total				2	05/02/2015	09/02/2015

**Table 12: Sabin Like 2 isolates, EMRO countries 2013-2016**

COUNTRY	2013		2014		2015		2016	
	Human	ENV	Human	ENV	Human	ENV	Human	ENV
AFG	28	3	37	20	53	42	19	14
BAH	-		-		-		-	
DJI	-		-		-		-	
EGY	5	66	8	3	10	34	5	18
IRN	5		3		4		-	
IRQ	4		4		8		8	
JOR	-		-		-		-	
KUW	-		-		-		-	
LEB	2		-		-		-	
LIB	-		-		-		-	
MOR	-		1		-		1	
OMA	-		-		-		-	
PAK	62	196	96	87	89	104	26	41
PNA	-		-		-		-	
QAT	-		-		-		-	
SAA	-		-		-		-	
SOM	9		-		10		6	
SUD	4		6		3		-	
SYR	3		6		4		-	
TUN	3		2		4		-	
UAE	-		1		-		-	
YEM	13		8		7		-	
<b>Total</b>	<b>138</b>	<b>265</b>	<b>172</b>	<b>110</b>	<b>192</b>	<b>180</b>	<b>65</b>	<b>73</b>