

EMR Polio Bulletin

World Health Organization – Regional Office for Eastern Mediterranean Issue No. 1387, Week 18 (ending on 04/05/2025)

Highlights



Children
Paralyzed
by polio

2024

- **99 cases of Wild Polio 1**
 - 25 in Afghanistan
 - 74 in Pakistan

■ **45 cases of cVDPV2**

- 7 in Somalia
- 37 in Yemen
- 1 in Occupied Palestinian Territory

■ **Zero cVDPV1 cases**

2025

- **10 case of Wild Polio 1**
 - 2 in Afghanistan
 - 8 in Pakistan

- **1 case of cVDPV2**
 - 01 in Djibouti

■ **Zero cVDPV1 cases**



Sewage
water
sampling

2024

- **741 samples Wild Polio 1**
 - 113 in Afghanistan
 - 628 in Pakistan

- **49 samples cVDPV2**
 - 2 each in Egypt & Sudan
 - 3 in Somalia
 - 1 in Bahrain
 - 9 in Djibouti
 - 12 in Yemen
 - 20 in Occupied Palestinian Territory

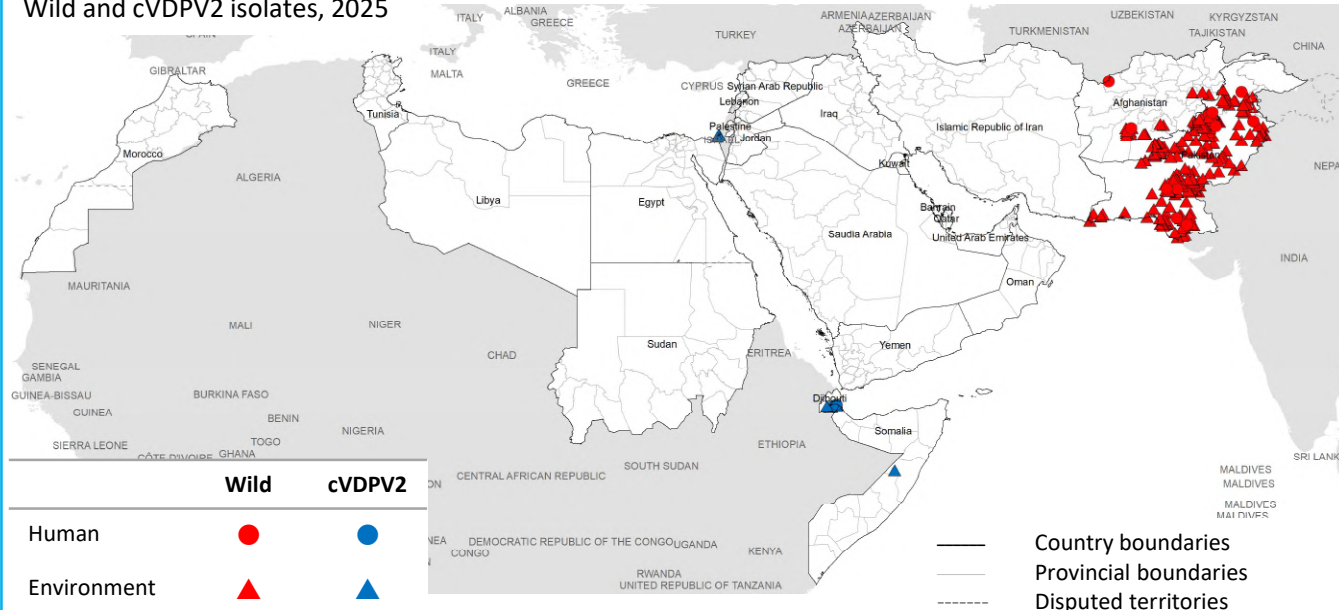
2025

- **284 samples Wild Polio 1**
 - 25 in Afghanistan
 - 259 in Pakistan

- **19 samples cVDPV2**
 - 7 in Occupied Palestinian Territory
 - 11 in Djibouti
 - 1 in Somalia

Classification of EMR countries by type of poliovirus circulation

Wild and cVDPV2 isolates, 2025



Highlights of the week

Wild Poliovirus

- No new WPV1 cases reported this week. The total WPV1 cases count for 2025 to date is 10 (2 from Afghanistan and 8 from Pakistan) and in 2024, the total case count remains 99 (25 from Afghanistan and 74 from Pakistan).
- Thirty Four new WPV1 ES in 2025 reported this week (**27** from Pakistan and **7** from Afghanistan). The total ES count to date in 2025 is 284 (25 from Afghanistan and 259 from Pakistan) compared to 741 in 2024 (113 from Afghanistan and 628 from Pakistan).
 - Pakistan new WPV1 ES reported are as follows: 10 from Sindh (Two from Karachi East and one each from Jamshoro, Hyderabad, Badin, Sukkur, Kashmore, Karachi Malir, Karachi Korangi, and Karachi South); 4 from Balochistan (Two from Quetta and one each from Zhob and Loralai); 2 from Punjab (One each from Lahore and Rawalpindi); 9 from Khyber Pakhtunkhwa (Three from Dera Ismail Khan, two from Waziristan North, and one each from Abotabad, Peshawar, Tank, and Bannu); and Two from Islamabad (2 from Islamabad Capital Territory). The dates of collection are between 07th – 17th April 2025
 - Afghanistan new WPV1 ES reported are as follows: 3 from Hilmand (2 from Nahr-e-Saraj and 1 from Lashkargah districts); 3 from Kandahar province/district; and one from Zabul (Qalat district). The dates of collection for all isolates is on 25th March 2025.

Vaccine derived poliovirus (VDPV)

- No new VDPV cases reported this week. The cVDPV2 cases count in 2025 to date remains 1 (from Djibouti) compared to 45 in 2024 (37 from Yemen, 7 from Somalia, and 1 from Occupied Palestinian Territory).
- One new cVDPV2 ES in 2025 reported this week from Djibouti (Arta Province with date of collection on 16th March 2025). The number of cVDPV2 isolates from ES in 2025 to date is 19 (11 from Djibouti, 7 from Occupied Palestinian Territory and 1 from Somalia) as compared to 49 in 2024 (20 from Occupied Palestinian Territory, 12 from Yemen, 9 from Djibouti, 3 from Somalia, 2 each from Egypt and Sudan, and 1 in Bahrain).
- 6 new VDPV1 ES in 2025 reported this week from Djibouti (4 from Djibouti and 2 from Arta provinces/districts) with date of collection between 2nd February to 16th March 2025); It is to be noted that there was no evidence of local circulation and the same samples had been earlier reported as cVDPV2 so they contain a mixture of both virus types.

Wild Poliovirus type-1 (WPV1) Vaccine-derived Poliovirus (VDPV)

Contact us: WHO/EMRO – POL/SLD - Data

Email: emacojorpolsld@who.int

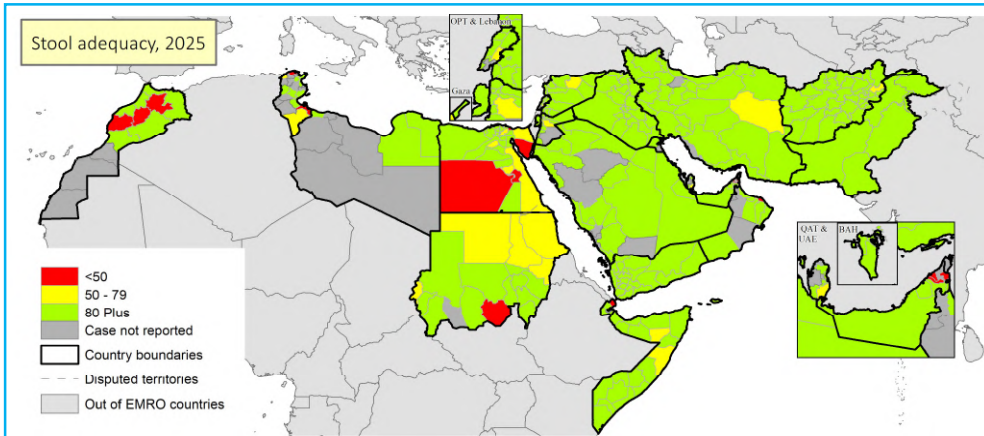
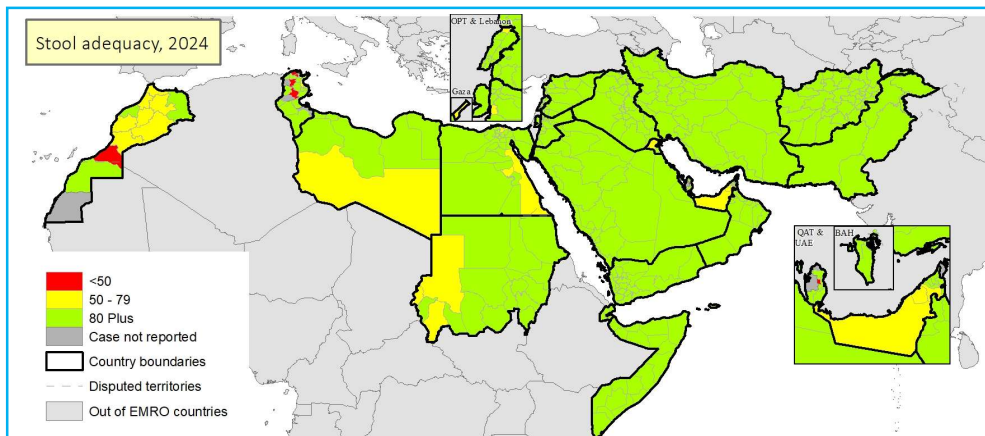
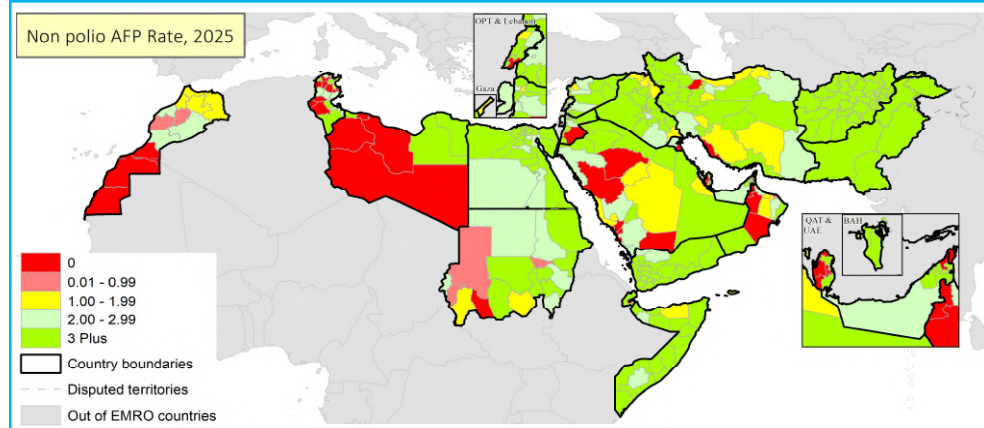
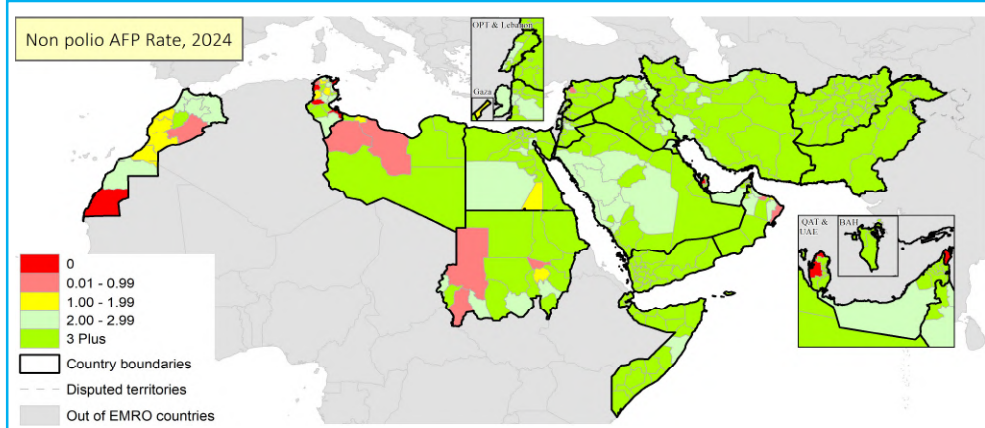
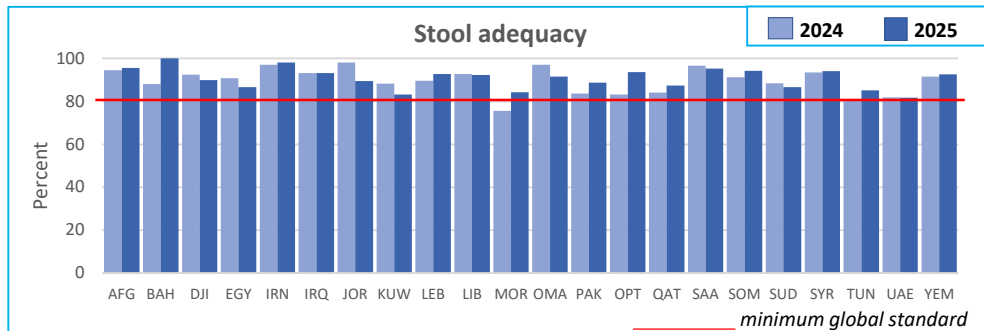
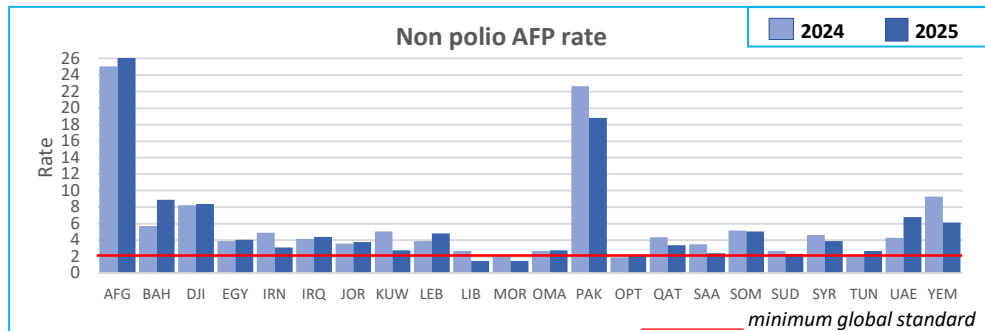
Web: <http://www.emro.who.int/polio/strategy-surveillance/em-polio-fax-issues.html>

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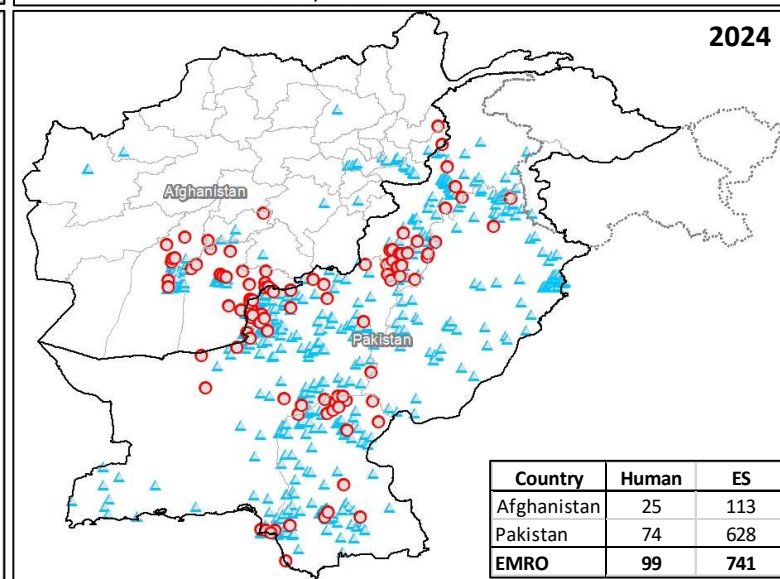
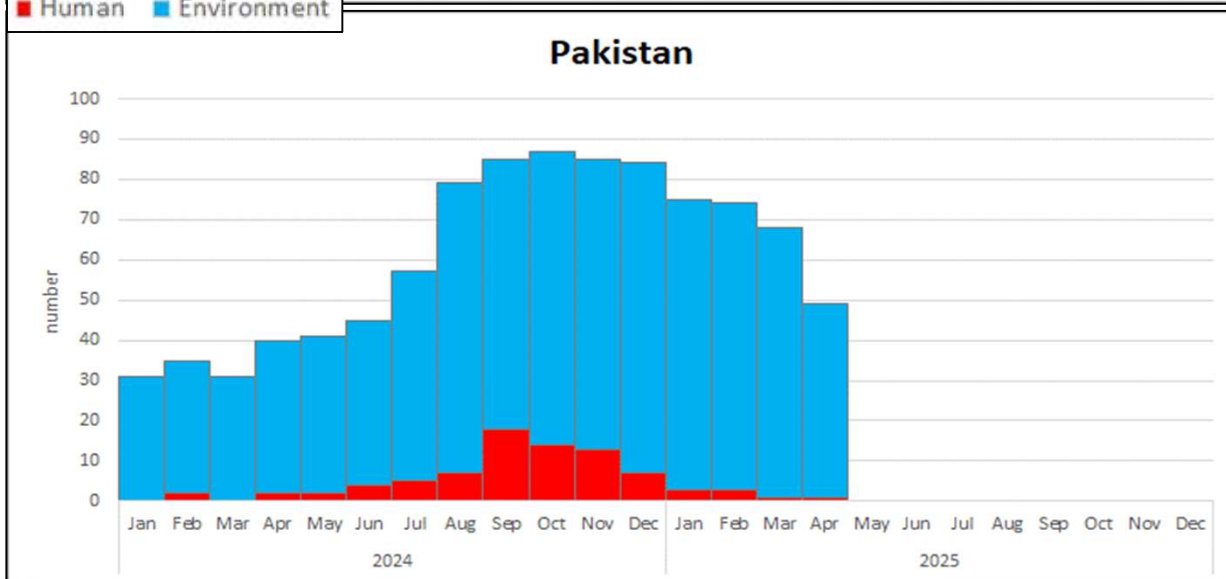
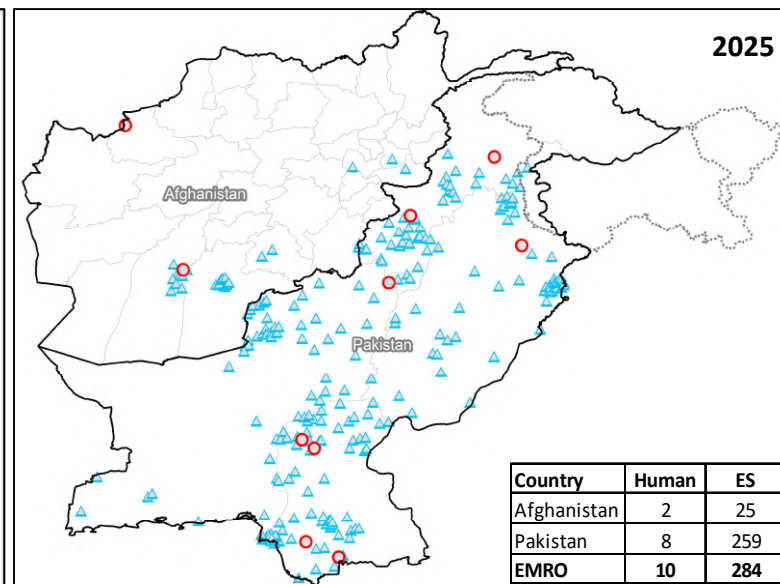
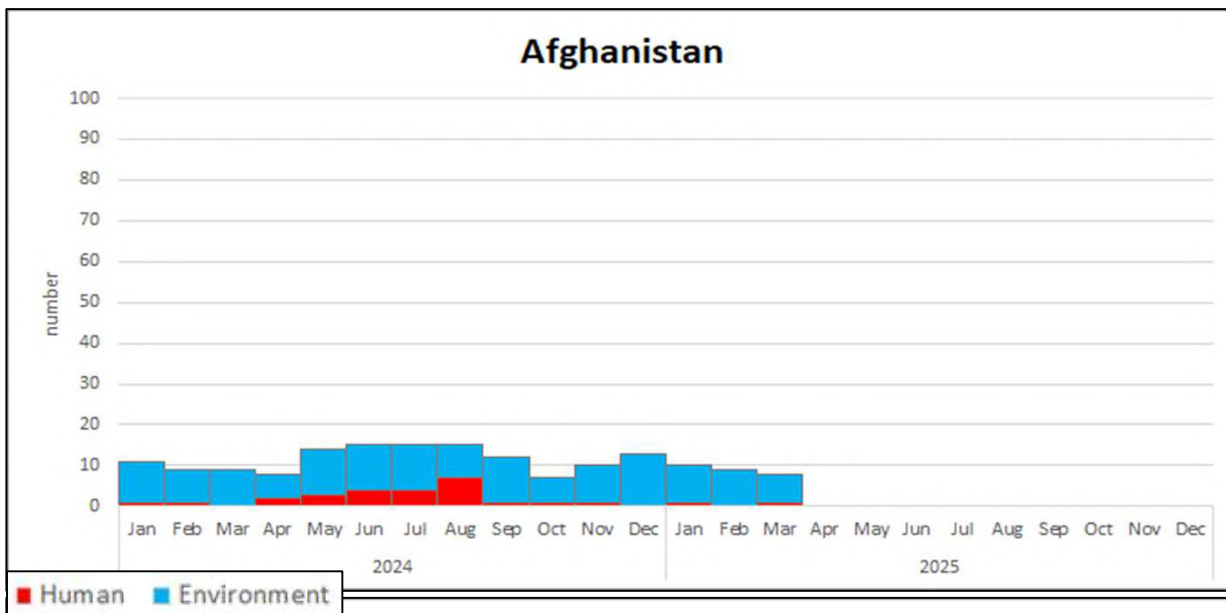
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Key surveillance indicators



WPV1 Positive isolates from Afghanistan and Pakistan by source

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For further details on Wild Poliovirus click: [line-list of WPV isolates](#)

Virus isolation by country, last 12 months (05 May 2024, to 04 May 2025)

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Source / Virus type	BAH	DJI	PAK	EGY	PNA	SOM	SUD	YEM	Total
Human (AFP only)		1	1		1	5	2	15	25
cVDPV2		1			1	5		15	22
aVDPV2							2		2
Environment	1	20	2	3	30	3	4	6	69
cVDPV2	1	14		1	27	3		6	52
aVDPV2					1		2		3
VDPV2							2		2
VDPV3				1	1				2
VDPV1				1	1				2
cVDPV2+VDPV1		6							6
Wild+VDPV1			2						2
Total	1	21	3	3	31	8	6	21	94

Note: Viruses isolated from 'other' sources (example healthy children) are not included in this analysis; they are shown in page No. (10)

* Importation Event

Confirmed Wild Polio 1 Cases by month of onset

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Country	Total year 2023	Total year 2024	04 May.		Confirmed Wild Polio 1 Cases by month of onset												Recent most Case
					2024							2025					
			2024	2025	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Afghanistan	6	25	3	2	4	4	7	1	1	1	0	1	0	1			09-Mar-25
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			
Egypt	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				
Iraq	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					
Kuwait	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					
Libya	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				
Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Pakistan	6	74	3	8	4	5	7	18	14	13	7	3	3	1	1		02-Apr-25
Occupied Palestinian Territory ****	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	0	0	0	0	0	0	0	0	0	0	0	0	0				
Sudan	0	0	0	0	0		0										
Syria ****	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						
United Arab Emirates	0	0	0	0	0	0	0	0	0	0	0						
Yemen	0	0	0	0													
EMR	12	99	6	10	8	9	14	19	15	14	7	4	3	2	1		09-Mar-25

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

Investigation of AFP cases with paralysis onset in 2024 & 2025

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COUNTRY	2025									2024									Line List
	AFP cases	Case classification						Surveillance indicators		AFP cases	Case classification						Surveillance indicators		Date of latest
		Total Confirmed WPV1 Polio Cases	Polio Compatible	(non polio AFP)Discarded	VDPV	Pending classification > 90 days from onset	Pending LAB classification > 90 days from onset	Annualized Non polio AFP rate	% with adequate specimens		Total Confirmed WPV1 Polio Cases	Polio Compatible	(non polio AFP)Discarded	VDPV	Pending classification > 90 days from onset	Pending LAB classification > 90 days from onset	Annualized Non polio AFP rate	% with adequate specimens	
Afghanistan	2072	2	0	1728	0	7	0	26.50	96	5785	25	0	5760	0	0	0	25.05	95	04-May-25
Bahrain	9	0	0	2	0	2	0	8.89	100	17	0	0	16	0	1	1	5.71	88	04-May-25
Djibouti	10	0	0	3	1	0	0	8.40	90	27	0	0	27	0	0	0	8.24	93	03-May-25
Egypt	580	0	0	419	0	13	3	4.05	87	1640	0	0	1640	0	0	0	3.90	91	01-May-25
Iraq	267	0	0	233	0	1	0	4.39	93	748	0	0	748	0	0	0	4.18	93	03-May-25
Islamic Republic of Iran	227	0	0	166	0	0	0	3.13	98	1031	0	0	1031	0	0	0	4.89	97	02-May-25
Jordan	57	0	0	29	0	1	0	3.79	89	161	0	0	161	0	0	1	3.59	98	04-May-25
Kuwait	12	0	0	9	0	0	0	2.77	83	43	0	0	43	0	0	0	5.05	88	27-Apr-25
Lebanon	28	0	0	18	0	0	0	4.80	93	68	0	0	68	0	0	0	3.91	90	17-Apr-25
Libya	13	0	0	9	0	0	0	1.48	92	70	0	0	70	0	0	0	2.70	93	20-Apr-25
Morocco	51	0	0	5	0	12	0	1.50	84	205	0	0	205	0	0	1	2.02	76	02-Apr-25
Oman	12	0	0	11	0	0	0	2.78	92	35	0	0	35	0	0	0	2.68	97	01-May-25
Pakistan	6254	8	0	5263	0	66	0	18.82	89	22232	74	3	22154	1	0	82	22.67	84	04-May-25
Occupied Palestinian Territory	16	0	0	0	0	9	3	2.21	94	42	0	0	41	1	0	0	1.92	83	17-Apr-25
Qatar	8	0	0	2	0	1	0	3.38	88	19	0	0	19	0	0	0	4.36	84	04-May-25
Saudi Arabia	65	0	0	20	0	5	0	2.43	95	276	0	0	276	0	0	0	3.50	97	27-Apr-25
Somalia	158	0	0	130	0	0	0	5.06	94	482	0	0	475	7	0	0	5.16	91	04-May-25
Sudan	166	0	0	7	0	46	33	2.34	87	556	0	0	526	2	29	29	2.67	88	04-May-25
Syrian Arab Republic	104	0	0	91	0	0	0	3.90	94	360	0	0	360	0	0	0	4.63	94	03-May-25
Tunisia	27	0	0	15	0	1	1	2.70	85	63	0	0	63	0	0	0	2.07	81	07-Apr-25
United Arab Emirates	33	0	0	5	0	7	2	6.80	82	61	0	0	61	0	0	0	4.27	82	21-Apr-25
Yemen	338	0	0	56	0	81	79	6.13	93	1541	0	1	717	37	786	778	9.27	92	03-May-25
EMR POL	10507	10	0	8221	1	252	121	10.57	91	35462	99	4	34496	48	816	892	12.10	87.17	

* 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, with 14 days of paralysis onset and specimens received in the lab in 'Good Condition'

**** Includes all VDPV cases. Further details available in page (8)

For further details on Contacts click: [detail of contact samples](#)

Laboratory investigation of AFP cases with paralysis onset in 2025

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Country	Polio laboratories	AFP cases with specimens	Preliminary virus isolation results of AFP cases						Poliovirus intratypic differentiation results											Indicators				Latest report Date		
	ITD / nucleotide sequencing		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**
	Sequencing performed by CDC and RIVM laboratories						L20B+	L20B+/NPEV	received within last 14 days	received more than 14 days ago	Wild	Sabin	VDPV	Wild	Sabin	VDPV	Wild									
Afghanistan	RRL Pakistan	2088	73	2	204	1493	266	6	2	44						58						8%	100%	100%	94%	04-05-25
Bahrain	PNL Oman / CDC	8	1			6	1			1												0%	100%	100%	100%	01-05-25
Djibouti	PNL Kenya / CDC	6	1			3		2						1								0%	100%		100%	02-05-25
Egypt***	RRL Egypt	528	3		18	420	54	33		2						2						4%	96%	100%	100%	01-05-25
Iran	PNL Iran / CDC	239	2		1	214	22									2						0%	100%	100%	99%	02-05-25
Iraq	PNL Iraq, RRL Egypt	269	6		47	186	24	7		3						3						19%	100%	100%	99%	03-05-25
Jordan	PNL Jordan, RRL Egypt	53	5	4	6	36	1	1											8	1		16%	84%	100%	100%	04-05-25
Kuwait	RRL Kuwait / RIVM	12				10	2															0%	100%		100%	01-05-25
Lebanon	NPL Syria / RRL Egypt	31				25	6															0%	100%			30-04-25
Libya	RRL Tunisia / RIVM	12				8	4															0%	100%		38%	02-05-25
Morocco	PNL Morocco, RRL Tunisia	40				34		6														0%	100%		100%	02-05-25
Oman	PNL Oman / CDC	16				12	4															4%	92%		100%	01-05-25
Pakistan	RRL Pakistan	6194	144	9	419	4906	616	72	7*	88						101				2		6%	100%	100%	98%	04-05-25
Occupied Palestinian Territory & UNRWA		26		2	6	13	2	3					1						2			34%	38%	100%	78%	17-04-25
Qatar	NPL Oman / CDC	9				9																0%	100%		100%	01-05-25
Saudi Arabia	PNL Saudi Arabia / CDC	37				31		6														0%	94%		100%	27-04-25
Somalia	PNL Kenya / CDC	152	6		24	93	3	26		2			2			3						20%	2%		97%	02-05-25
Sudan	PNL Sudan, RRL Egypt	116			5	27	84															12%	100%		50%	01-05-25
Syria	PNL Syria, RRL Egypt	103	1		2	87	10	3														1%	100%			30-04-25
Tunisia	RRL Tunisia	34				34																0%	100%		97%	02-05-25
U.A.E	PNL Oman / CDC	33			2	21	10															9%	96%		26%	01-05-25
Yemen	PNLs Oman, Jordan & Kenya, RRL Egypt	57			8	49																11%	56%		25%	01-05-22
Total EMR 2023		10063	242	17	742	7717	1109	165	9*	140			3	1		169			10	3		7%	98%	100%	96%	
Total EMR 2024		33841	1349	80	4563	27833		18	74*	777	2		4	47**		894			5	7	4	11%	92%	100%	92%	

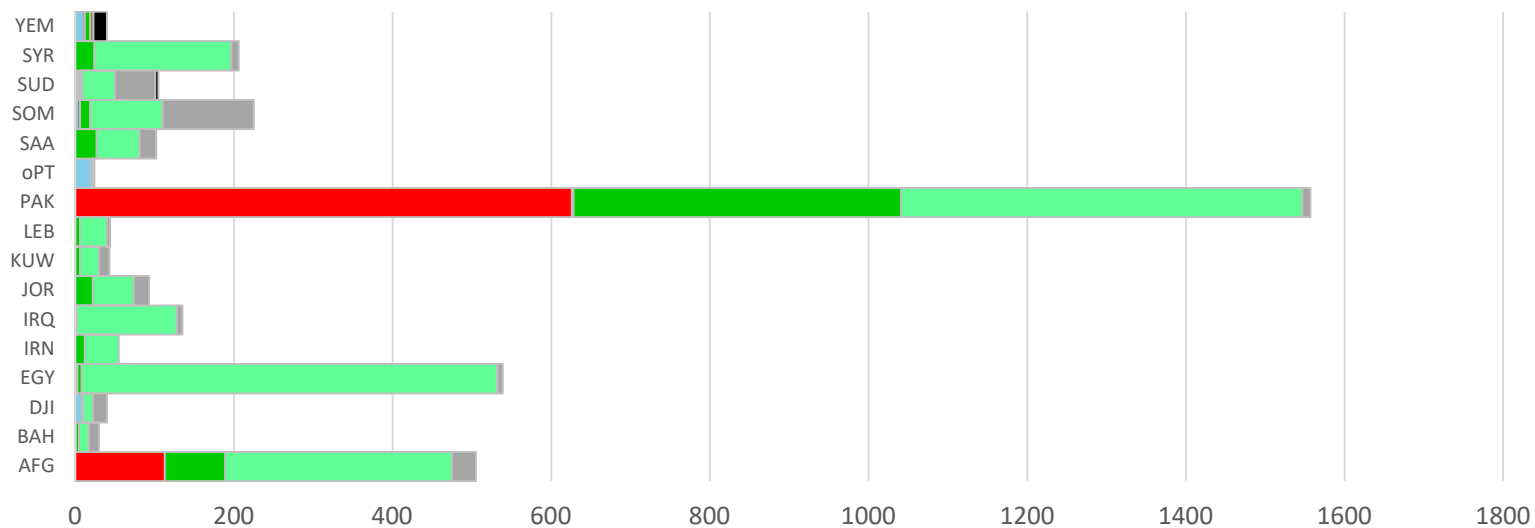
* In 2025 – One WPV1 case (from Pakistan) is confirmed due to positive contact (Index case was negative for WPV1)

* In 2024 – Twenty-Eight WPV1 cases (7 from Afghanistan and 21 from Pakistan) are confirmed due to positive contact (Index cases were negative for WPV1)

** In 2024 – One cVDPV2 case was confirmed due to two positive contacts (Index case was negative for cVDPV2)

Environmental Surveillance Isolation by classification, 2024

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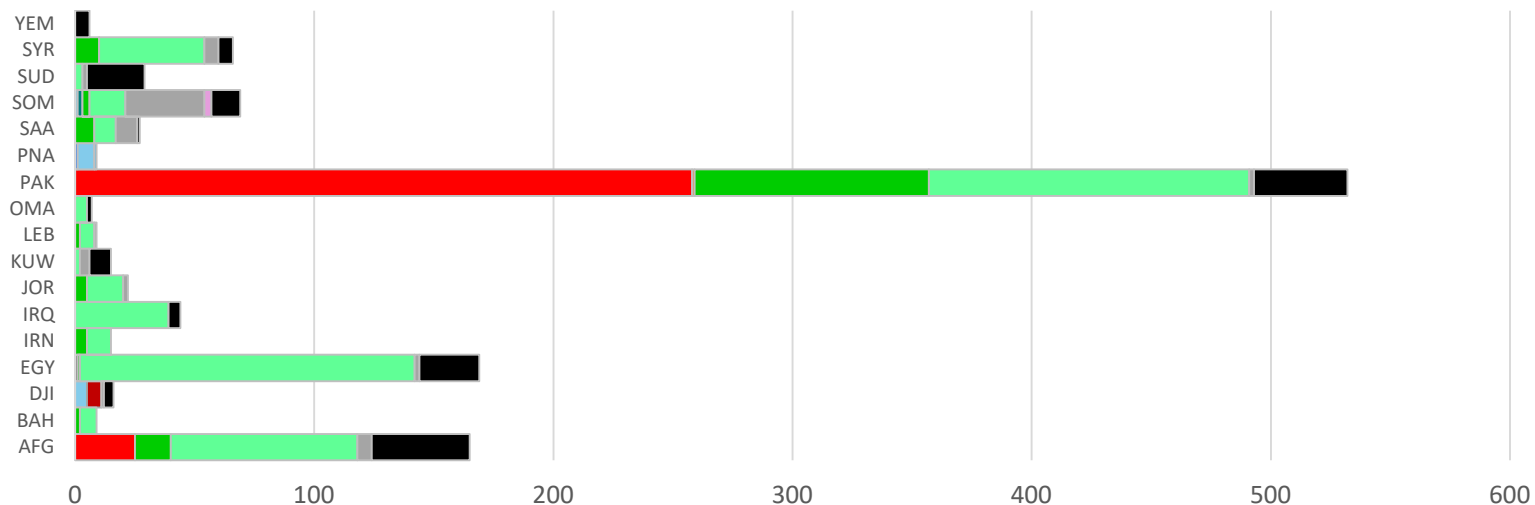


	AFG	BAH	DJI	EGY	IRN	IRQ	JOR	KUW	LEB	PAK	oPT	SAA	SOM	SUD	SYR	YEM
Wild	113									626						
Wild+VDPV1										2						
aVDPV2														2		
cVDPV2		1*	9	2							20		3	2		11
cVDPV2+VDPV1																1
VDPV2														2		
VDPV1				1												
VDPV3											1					
SL2													3	2		
SL1/3	76	4	1	5	12	2	22	6	6	413		27	13	1	24	7
nOPV2											2					4
Entero	286	12	12	524	43	126	52	24	34	506		54	91	41	173	
Negative	30	13	18	7		7	19	13	4	10	1	21	115	51	9	
PV2																
Pending														4		17

* Importation Event

Environmental Surveillance Isolation by classification, 2025

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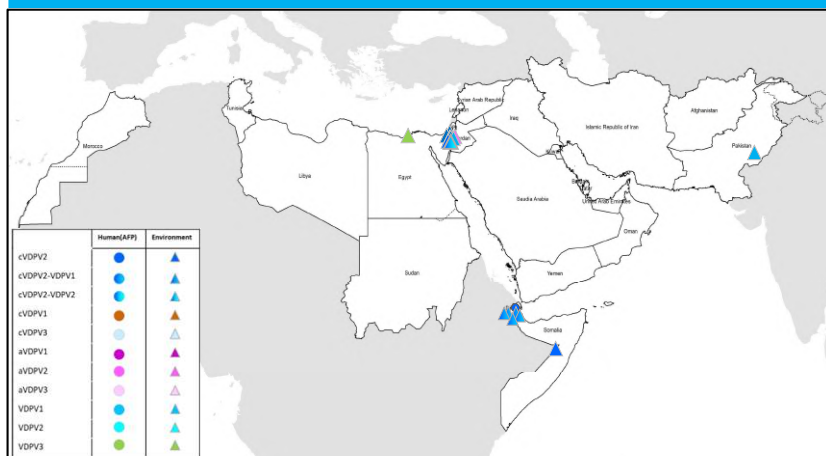
	AFG	BAH	DJI	EGY	IRN	IRQ	JOR	KUW	LEB	OMA	PAK	PNA	SAA	SOM	SUD	SYR	YEM
Wild	25										258						
Wild+VDPV1											1						
aVDPV2												1					
cVDPV2			5									7		1			
cVDPV2+VDPV1			6														
VDPV2																	
VDPV1												1					
VDPV3				1													
SL2														2			
SL1/3	15	2		1	5		5		2		98		8	3		10	
nOPV2																	
Entero	78	7		140	10	39	15	2	6	5	134		9	15	3	44	
Negative	6		1	2			2	4	1		2		9	33	2	6	
PV2														3			
Pending	41		4	25		5		9		2	39		1	12	24	6	6

For further details on Environmental Samples Results click: [Detail of environmental surveillance samples](#)

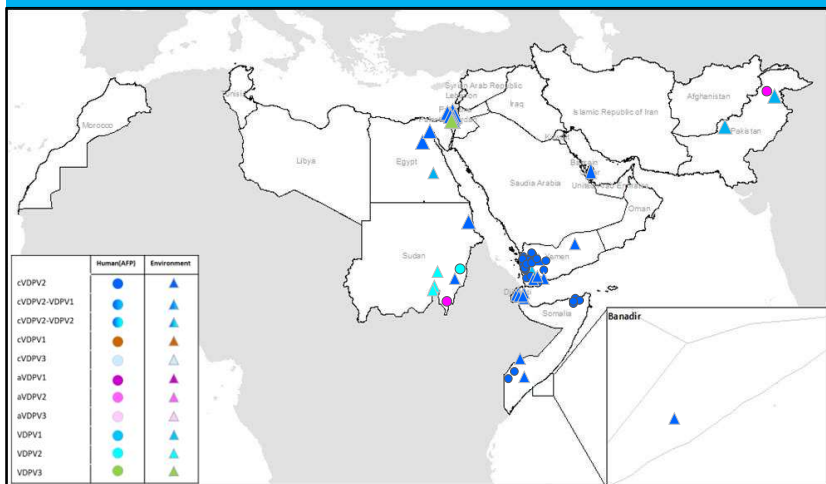
VDPVs isolations by Source and Country

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VDPV Isolates, EMR countries, 2025



VDPV Isolates, EMR countries, 2024



* One of the Occupied Palestinian Territory isolates in 2025 included a mixture of cVDPV2+VDPV2

** Six of the Djibouti isolates in 2025 included a mixture of cVDPV2+VDPV1

VDPVs isolated from 2020-2025

Isolate type	EMR Country	Sources																										
		AFP cases(Human)						Contacts(Human)						Environment						Other Sources (Healthy Children)								
		2020	2021	2022	2023	2024	2025	Most recent	2020	2021	2022	2023	2024	2025	Most recent	2020	2021	2022	2023	2024	2025	Most recent	2019	2020	2021	2022	2023	Most recent
cVDPV2	Afghanistan	307	43					09-07-21								174	40					23-06-21						
	Bahrain																			1		30-06-24						
	Djibouti						1	12-01-25									5	12		9	11 **	16-03-25						
	Egypt																12	6	11	2		01-08-24						
	Iran															3	1					20-02-21						
	Pakistan	135	8					23-04-21								135	35					11-08-21						
	OPT					1		25-07-24												20	7 *	05-03-25						
	Somalia	14	1	5	8	7		31-12-24	11		6	3	3		12-03-24	26	1	6	9	3	1	05-01-25	1	5		1		10-03-22
	Sudan	58		1				31-10-22	18						08-10-20	14		1	5	2		24-01-24		4				24-08-20
Yemen		66	162	8	37		24-10-24		23	40	1	2		09-03-24		13	26	16	12		15-12-24							
cVDPV1	Yemen	31	3					27-03-21							10-07-19													
cVDPV3	Somalia							07-09-18							30-06-18							23-08-18						
aVDPV1	Afghanistan		1					22-02-21																				
	Egypt															1						16-07-20						
	Pakistan					1		24-11-24									1					10-02-21						
	Somalia	1						26-01-20																				
aVDPV2	Yemen		1					20-07-21																				
	Afghanistan	3	1	1				01-01-22	75	15	1				14-02-22	2	3					25-07-21						
	Egypt									1					14-06-21	1	67	7	4			13-04-23						
	Iran																2					23-09-21						
	Pakistan	7	8					24-09-21	19	1					28-04-21	22	37	1				15-02-22						
	OPT																				1	05-02-25						
	Somalia			2				01-09-22			1				22-08-22							03-02-19						
aVDPV3	Sudan					1		29-11-24												2		25-10-24						
	Yemen		3		1			05-09-23		1					09-12-21													
	Afghanistan	1						23-06-20																				
	Egypt															2						30-09-20						
VDPV1	Pakistan																1					05-04-21						
	Libya	1						15-01-20																				
	DJI																			6 **	16-03-25							
	Egypt															1			1			21-09-24						
VDPV2	Pakistan																		2	1		21-02-25						
	OPT																			1		05-03-25						
	Yemen																		1			20-03-24						
	Egypt				1			17-07-23																				
VDPV3	Iran																1					04-02-22						
	Jordan																2					25-05-22						
	OPT																			1 *		09-01-25						
	Somalia			1				01-09-22									1					22-04-22						
	Sudan					1		24-05-24											2			15-10-24						
	Yemen																		3	2		27-05-23						
VDPV3	Egypt																			1		06-03-25						
	Pakistan																		1			14-02-23						
	OPT																			1		02-12-24						

Important links

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Important Links

- [Global Polio Eradication Initiative](#)
- [IMST – Outbreak Response Dashboard](#)
- [nOPV2 Tracker](#)
- [Pol-MIS](#) (restricted to registered users)
- [Containment](#) (restricted to registered users)
- [Certification \(e-ACR\)](#) (restricted to registered users)