

2024
1 April 2024



Acute Flaccid Paralysis & Poliovirus Surveillance Indicators

Republic of Lebanon—Ministry of Public Health

Worldwide (www.polioeradication.org)

Globally, last week — Wild Poliovirus WPV1 was detected in Pakistan (15 ES), and Afghanistan (10 ES). Last week positive findings, circulating Vaccine Derived Poliovirus cVDPV2 was detected in Algeria (1 ES), Burkina Faso (1 AFP), Chad (1 ES), Ivory Coast (2 ES), Liberia (1 ES), Nigeria (5 ES), South Sudan (2 ES).

Table (1): Worldwide Polio positive samples

Virus	Sources	Cumulative 2023	Cumulative 2024	Last week	Notes
WPV1	AFP	12	2	0	Pakistan, Afghanistan
	ES/Other	187	80	25	
cVDPV1	AFP	133	0	0	
	ES	91	0	0	
	Other	7	0	0	
cVDPV2	AFP	373	9	1	Last week: Algeria, Burkina Faso, Chad, Ivory Coast, Liberia, Nigeria, and South Sudan
	ES	305	39	12	
	Other	132	2	0	

AFP Acute Flaccid Paralysis case, ES Environmental Surveillance

Lebanon — Summary indicators

Lebanon — During the past 2 weeks, 4 new cases were reported from the Bekaa (2), Mount-Lebanon (1) and North (1), aged under 5 years (2) or 5-9 y (2), and vaccinated. As cumulative, 19 AFP cases were reported from 7 provinces.

Table 2: National indicators for AFP surveillance, 2024

Indicator	Value	Target
AFP last week (nb)	4	1+
Total AFP (nb)	19	
Annualized NP AFP rate (/100000)	4.92	2+
Specimen adequacy (%)	89.5%	80+
Notification within 7 d (%)	89.5%	80+
Investigation within 48h (%)	100.0%	80+
Zero dose AFP (6m-59m) (nb)	0	
NPEV among specimens (%)	-	10+
Sabin virus (nb)	0	-
Vaccine Derived Poliovirus (nb)	0	0
Wild Poliovirus (nb)	0	0
Final classification (nb)	0	-

Table 3: AFP/Polio surveillance indicators by province

Province	AFP cases, 2024					Zero reporting		Environmental surveillance, 2023			
	AFP (n)	NP AFP rate (/100000)	Adequacy (%)	Notified in 7 d (%)	Zero dose	Nb received reports	% Completeness	Sep	Oct	Nov	Dec
North	5	9.5	60%	60%	0	271	94%	NPEV/SL3	SL1/3	NPEV/SL3	NPEV/SL3
Akkar	1	2.7	100%	100%	0	203	100%				
Bekaa	1	2.3	100%	0%	0	116	97%	NPEV/SL1/3	SL1/3	SL3	SL3
Baalbeck Hermel	2	6.7	100%	100%	0	215	100%				
South	0	0.0	-	-	0	538	97%	NPEV/SL3	SL3	NPEV/SL3	NPEV/SL3
Nabatieh	2	7.1	100%	50%	0	192	94%				
Beirut	3	17.1	100%	100%	0	58	97%	NPEV/SL3	SL1/3	NPEV/SL1/3	SL3
Mount Lebanon	5	3.9	100%	100%	0	142	99%				

Table 4: Indicators by district, 2024

	AFP	Rate/ 100,000	Adequacy
Caza			
Akkar	1	3.85	100%
Aleyh	2	11.83	100%
Baabda	1	3.17	100%
Baalbeck	1	7.19	100%
Batroun	0		
Becharreh	0		
Beirut	3	18.44	100%
West Bekaa	1	14.52	100%
Bint Jbeil	0		
Chouf	0		
Hasbaya	0		
Hermel	1	46.82	100%
Jbeil	0		
Jezzine	0		
Kesrwan	0		
Koura	1	18.94	0%
Marjeoun	0		
Minieh Danieh	1	11.44	100%
Metn	2	7.35	100%
Nabatieh c	2	16.99	100%
Rashaya	0		
Saida	0		
Sour	0		
Tripoli	2	13.07	50%
Zahleh	0		
Zghorta	1	18.21	100%

Fig 1: AFP cases by week, 2024

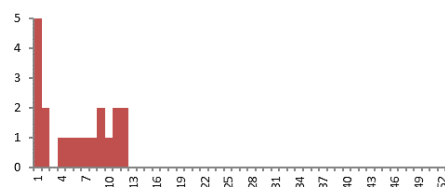


Table 3: Indicators by nationality, 2024

Population	AFP (n)	Annualized rate /100000	Specimen adequacy (%)	Notified within 7 d (%)
Resident	17	6.56	88%	94%
Palestinian	0	0.00	-	-
Syrian	2	1.91	100%	50%