

2024
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Acute Flaccid Paralysis & Poliovirus Surveillance Indicators

Republic of Lebanon—Ministry of Public Health

Worldwide www.polioeradication.org

Globally, last week — Wild polio type 1 was isolated in Pakistan (1 ES).

Last week positive findings, cVDPV2 was detected in Algeria (1 ES), Liberia (1ES), and Nigeria (1 AFP and 1 ES).

Table (1): Worldwide Polio positive samples

Virus	Sources	Cumulative 2023	Cumulative 2024	Last week	Notes
WPV1	AFP	12	0	0	Pakistan, Afghanistan
	ES/Other	187	31	1	
cVDVP1	AFP	133	0	0	
	ES	91	0	0	
	Other	7	0	0	
cVDPV2	AFP	373	1	1	Last week: Algeria, Liberia, Nigeria
	ES	305	5	3	
	Other	132	0	0	

AFP Acute Flaccid Paralysis case, ES Environmental Surveillance

Lebanon — Summary indicators

Lebanon — During the past 2 weeks, 2 new cases were reported from the Akkar and Hermel, aged under 5 years and vaccinated. As cumulative, 12 AFP cases were reported from 7 provinces.

Table 2: National indicators for AFP surveillance, 2024

Indicator	Value	Target
AFP last week (nb)	2	1+
Total AFP (nb)	12	
Annualized NP AFP rate (/100000)	4.66	2+
Specimen adequacy (%)	92%	80+
Notification within 7 d (%)	75%	80+
Investigation within 48h (%)	100%	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	2	5.7	50%	100%	0	180	94%	NPEV/SL3	SL1/3	NPEV/SL3	NPEV/SL3
Akkar	1	4.1	100%	0%	0	136	100%				
Bekaa	1	3.4	100%	0%	0	77	96%				
Baalbeck Hermel	2	10.1	100%	50%	0	143	99%	NPEV/SL1/3	SL1/3	SL3	SL3
South	0	0.0	-	-	0	357	97%				
Nabatieh	1	5.3	100%	100%	0	128	94%				
Beirut	1	8.5	100%	100%	0	40	100%	NPEV/SL3	SL1/3	NPEV/SL1/3	SL3
Mount Lebanon	4	4.6	100%	100%	0	96	100%				

Table 4: Indicators by district, 2024

	AFP	Rate/ 100,000	Adequacy
Caza			
Akkar	1	5.78	100%
Aleyh	1	8.87	100%
Baabda	1	4.76	100%
Baalbeck	1	10.78	100%
Batroun	0		
Becharreh	0		
Beirut	1	9.22	100%
West Bekaa	1	21.78	100%
Bint Jbeil	0		
Chouf	0		
Hasbaya	0		
Hermel	1	70.23	100%
Jbeil	0		
Jezzine	0		
Kesrwan	0		
Koura	1	28.41	0%
Marjeoun	0		
Minieh Danieh	0		
Metn	2	11.03	100%
Nabatieh c	1	12.75	100%
Rashaya	0		
Saida	0		
Sour	0		
Tripoli	1	9.80	100%
Zahleh	0		
Zghorta	0		

Fig 1: AFP cases by week, 2024

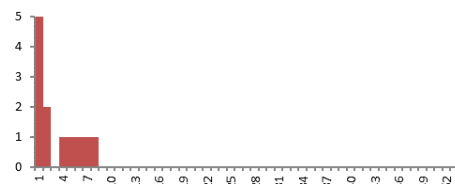


Table 3: Indicators by nationality, 2024

Population	AFP (n)	Annualized rate /100000	Specimen adequacy (%)	Notified within 7 d (%)
Resident	10	5.79	90%	70%
Palestinian	0	0.00	-	-
Syrian	2	2.87	100%	100%