



A health worker sits outside her own house after the floods severely damaged her home in Fatehpur in Rajanpur district, Punjab. She assisted at health camps following the floods and was vaccinating children in her community a month after the rains ravaged Rajanpur district.

The year 2022 started with cautious optimism. For the first time in its history, Pakistan marked a year without a child infected with the poliovirus. It was a momentous time for the Polio Eradication Initiative but one that the program was nervous about. With evidence of continued wild poliovirus circulation in the six districts of southern Khyber-Pakhtunkhwa (KP), our fears were realized when a 15-month-old child was paralyzed in North Waziristan last April in the first polio case of 2022 and the first in the country in nearly 15 months.

Despite the myriad of challenges last year, with the outbreak in southern KP, an unprecedented climate catastrophe that left a third of the country under water, disrupting vaccination campaigns and cold chain management, we find ourselves well positioned to interrupt transmission.

It has taken tireless efforts, countless days and nights of teams across the country, particularly the health staff on the frontline, exceptional commitment of the Government of Pakistan to polio eradication in times of political transition, and the security teams' unwavering support to polio workers, that the virus remains contained in the polio endemic zone of southern KP.

All other parts of Pakistan remain polio-free since the past 23 months. The country has made tremendous progress in beating the virus with only one genetic lineage left, a significant reduction from 11 separate clusters in 2020 and four in 2021. The Pakistan Polio Programme is beginning 2023 with great hopes and greater commitment to ending polio in Pakistan and the world.

# 12

Immunization Campaigns were conducted in 2022, with two nationwide campaigns, five sub-national campaigns and four outbreak responses and one TCV+OPV campaign

# 113

is the number of environmental sites in Pakistan after 29 new sites were added in December.

# 20

WPV1 cases were isolated in 2022

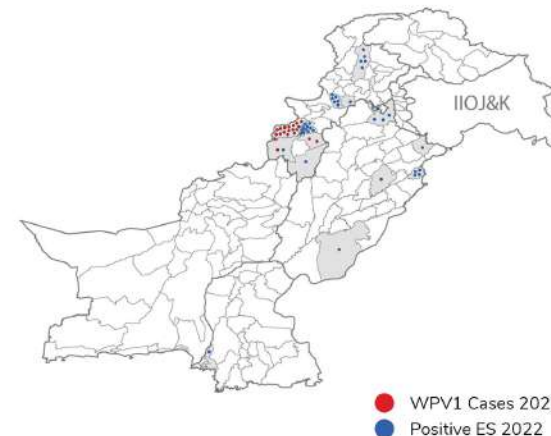
# 37

WPV1 positive environmental samples were isolated in 2022

### Point in Time Comparison of Cases and Districts

PROVINCE	WPV1 CASES				LAST WPV1 CASE	LAST cVDPV2 CASE
	No. of Cases		No. of Districts			
	2021	2022	2021	2022		
PUNJAB	0	0	0	0	21-Oct-20	07-Jan-21
SINDH	0	0	0	0	14-Jul-20	07-Jan-21
KP	0	20	0	3	15-Sep-22	14-Jan-21
BALUCHISTAN	1	0	1	0	27-Jan-21	23-Apr-21
AJK / GB	0	0	0	0	13-Feb-17	28-Aug-19
ISLAMABAD	0	0	0	0	27-Sep-08	11-Sep-19
PAKISTAN	1	20	1	3	15-Sep-22	23-Apr-21

### Map of WPV1 Cases & Positive ES 2022



● WPV1 Cases 2022  
● Positive ES 2022

## HIGHLIGHTS

2022 was a year of innovation for the Polio Programme. Here are some recent initiatives:

#### Nomad Immunization:

After extensive research on movement patterns of nomads across the country, special teams of mobile vaccinators were deployed in six endemic districts of southern KP and neighboring districts of Punjab to reach nomadic children with polio and essential routine vaccination. For many, this is their first and only access to healthcare.

#### Fractional Inactivated Polio Vaccine (fIPV):

fIPV campaigns were administered in southern KP to boost overall immunity in children, ensure better monitoring and increase vaccine acceptance because of greater community trust in injectable vaccines.

#### FLW Co-Designing Solutions Initiative:

Recognizing the benefits of applying a gender lens to polio eradication efforts, the Pakistan Polio Program launched a new initiative to systematically listen to Female Frontline Workers and co-design solutions to improve program operations, better understand their experiences and challenges, and prepare them for future transition in different career pathways.

### National Immunization Days

2<sup>nd</sup> Jan – 6<sup>th</sup> Jan  
16<sup>th</sup> Jan – 20<sup>th</sup> Jan  
23<sup>rd</sup> Jan – 29<sup>th</sup> Jan



### CAMPAIGN DETAILS

**Punjab: 22.54** million children  
**Sindh: 10.2** million children  
**KP: 7.46** million children  
**Balochistan: 2.6** million children  
**Islamabad: 0.42** million children  
**AJK: 0.72** million children  
**GB: 0.28** million children