



# Rotary Zones 26 & 27

## PolioPlus Weekly Update

31 May, 2023



**Note:** This update is going out to all Zone 26 & 27 DG's, DGE's, DGN's, District Foundation Chairs, District PolioPlus Chairs, Senior Leaders and others who have requested to be on the mailing list 😊. However, If you wish to no longer receive these updates, please let me know and I'll remove you from the list.

### Greetings Polio Warriors:

- **WILD POLIO VIRUS, TYPE 1 (WPV1)** - Unfortunately, we've had another new case of WPV1 that was reported this last week, with the onset of paralysis occurring on April 14th, the same day as the previously reported case and occurring in the same province of Nangarhar, Afghanistan.

**FORTY-SEVEN** - The number of days since the last two cases of WPV1 occurred in Afghanistan (April 14, 2023). Please note that last week, due to a typo, I mis-stated the number of days, reporting it as 70 instead of 40. I apologize for the error 😞.

**ONE HUNDRED** - The number of days since the last case of WPV1 occurred in Pakistan (February 20th, 2023).

**TWO HUNDRED & NINETY-FOUR – (9 MONTHS +)** The number of days since the last case of WPV1 occurred in Mozambique (August 10th, 2022).

**FOUR** - The number of WPV1 cases reported for the year **2023** (1 in Pakistan and 3 in Afghanistan).

**THIRTY** - The total number of WPV1 cases that occurred in **2022** (2 in Afghanistan, 8 in Mozambique and 20 in Pakistan).

**SIX** - The total number of WPV1 cases that occurred in **2021** (1 in Pakistan, 1 in Malawi and 4 in Afghanistan).

**ONE HUNDRED & FORTY** - Total number of WPV1 cases that occurred in **2020**.

**There were 2 new Positive Wild Environmental Samples reported last week as having been collected on April 19th** in the Khyber Pakhtunkhwa province of Pakistan. (These positive ES samples were genetically linked to those circulating in Afghanistan). **So the 2023 count increases to 31 Positive Wild Samples** (23 in Afghanistan and 8 in Pakistan). The total count of Positive Wild Samples for **2022 remains at 63** (41 in Pakistan and 22 in Afghanistan).

- **CIRCULATING VACCINE-DERIVED POLIO** - On our other battlefield in the war on polio, the circulating Vaccine-Derived Polio, there was only **1 case of cVDP2** reported this last week occurring in the Central African Republic, compared to 12

cases the week before. cases. However, it actually occurred in November of 2022, but is only now being reported. So the **2023 year's total remains 87**, and the **2022 case total increases to 861**.

There were a total of **21 Positive Vaccine Derived Environmental Samples (ES)** reported last week, all Type 2's. 4 were from Burundi, 1 was from Algeria, and 16 of the samples were actually collected in 2022 in New York State, but are only being reported now. The 16 ES's were all genetically tied to the 1 case of paralysis that occurred in Rockland County, New York last June, as well as positive ES's collected in the wastewater of London and Israel last year. So the **total for 2023 increases to 86 and the 2022 count increases to 458**.

- **LAST WEEK A “POLIO OUTBREAK RESPONSE ASSESSMENT TEAM”** conducted a comprehensive analysis in Kiev, Ukraine. In relation to the circulating vaccine-derived poliovirus (cVDPV2 – most recent isolate December 2021), the group recommended to the WHO Regional Office for Europe to **consider closing the outbreak, based on the team's assessment of surveillance and immunization activities**. The team also commended local and national public health authorities on the tremendous efforts undertaken in the country to strengthen immunization services and poliovirus surveillance, **amid very challenging conditions**.
- **“THE BIG CATCH UP”** - Global Polio Eradication Initiative (GPEI) partners WHO, Rotary, UNICEF, CDC, The Gates Foundation and GAVI (Global Alliance for Vaccines and Immunizations) have joined forces to implement **“The Big Catch Up”**, a targeted global effort to boost essential immunizations among children following declines driven by the COVID-19 pandemic. On May 26th, Africa's largest polio vaccination campaign since 2020 kicked off in three West and Central African countries in a combined effort to immunize 21 million children under the age of 5. For the complete story, [click here](#).
- **GUNMEN KILL ONE SOLDIER, WOUND ANOTHER AS THEY ESCORTED POLIO WORKERS** last week in their door-to-door inoculation campaign in the Khyber Pakhtunkhwa province, a former Pakistani Taliban stronghold bordering Afghanistan. It came days after the government launched the latest polio



eradication campaign, said Aslam Riaz, a police officer in the region. He said the polio workers escaped unharmed and the attackers fled the scene. Islamic militants often target polio teams and police assigned to protect them, falsely claiming the vaccination campaigns are a Western conspiracy to sterilize their children.

- **UPDATE ON THE FLIGHT TO END POLIO** - A month ago we Introduced Flying Rotarians John Ockenfels and Peter Teahen, who are to circumnavigating the earth in a light airplane to raise awareness and funds for our fight against polio. All funds donated will go directly to PolioPlus as they are financing this trip via sponsorships and also out of their own pockets. To find out more about their adventure, go to [flighttoendpolio.com](http://flighttoendpolio.com). To track them on [FlightAware](http://FlightAware) put their aircraft registration number, N732WP in the search boat the top of the page (you may have to do it twice to get it to load).

Last week found our intrepid aviators in Rome, then an overnight on the island of Crete in Greece, then a couple of days in Jordan, and as of Thursday, June 1st, they have been in Abu Dhabi, UAE. Their next scheduled stop is Karachi, Pakistan.

Once source, which I consider reliable, has told me that they have collected over \$1,000,000 USD in commitments for PolioPlus...Wow!!! But don't let that stop you from supporting these intrepid aviators, as we are still short of our \$50 million goal to take advantage of the full 2:1 Gates match offer...and June 30th is the deadline date.

There have many ways to donate to their flight, but I think the easiest and the best is to go to [raise.rotary.org](http://raise.rotary.org) page where your donation not only goes direct to PolioPlus, but will be automatically credited to your Paul Harris Recognition Account, and of course, be tripled by the Bill and Melinda Gates Foundation.

- **DISTRICT POLIOPUS CHAIRS...2ND REQUEST...FOLKS, I CAN'T DO MY JOB WITHOUT YOUR HELP...Last week only 2 of you responded to my request** 😞. As this year draws to a close, we would like to get a count from each of you of the number of PolioPlus Society Members you have in your district and the total amount of money that they have pledged toward PolioPlus. I'm not asking for how much they have donated to date, but just the amount collectively, that they pledged when they signed up. You don't have to wait till the end of June, but can submit them at any time this next month to me, Bob Rogers at [crobertrogers@comcast.net](mailto:crobertrogers@comcast.net). **Please don't put this off** as I'd like to get a total number not only to our new incoming End Polio Now Coordinators, but to our senior leaders at TRF as well. Thank you in advance for your help in getting this accomplished.

- **AGREEMENT REACHED ON 2ND MANUFACTURING FACILITY OF nOPV2** - As reported in the May issue of GPEI's monthly newsletter, up until now, there has been only one manufacturing source worldwide for nOPV2, BioFarma in Indonesia. This has, at times, created shortfalls in inventory. India, alarmed over the rising cases of polio outbreak in other countries due to Vaccine Derived outbreaks, has reached an agreement with BioFarma and the Gates Foundation to manufacture nOPV2 in India, with a plan to stockpile 500 million doses as a precautionary measure, should any outbreaks occur in their own country. This should also provide the world with a second source of the novel vaccine and help to alleviate any future shortfalls in inventory. For the full story, [click here](#).
- **THAT'S IT FOR THIS WEEK FOLKS.** Hang in there and, as always, continue to keep Ukraine in your thoughts, along with those affected by polio.

Bob and Greg

Your Big West "End Polio Now" Coordinators

Bob Rogers

Rotary Club of Sebastopol

**District 5130**

PolioPlus Chair (2020/23)

Past District Governor (2017/18)

**Zone 27**

End Polio Now Coordinator (2020/23)

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## Poliovirus Weekly Update 31 May, 2023, World Health Organization

You will see below, that the number of wild polio cases for 2023 as of May 31st is 4 (3 in Afghanistan and 1 in Pakistan).

You will also see that the 2022 count remains at 30 (2 in Afghanistan, 20 in Pakistan and 8 in Mozambique).

The total number of wild polio cases in 2021 were 6 (1 in Pakistan, 1 in Malawi and 4 in Afghanistan).

The total number of wild polio cases in 2020 were 140 (84 in Pakistan and 56 in Afghanistan).

The total number of wild polio cases in 2019 were 176 (147 in Pakistan and 29 in Afghanistan).

Note: Polio “Acronyms”. For a complete list go to

<https://polioeradication.org/acronyms/>

*AFP = Acute Flaccid Paralysis*

*cVDPV = Circulating Vaccine Derived Poliovirus (a 1 or 2 behind it denotes the polio type...ie cVDPV2)*

*nOPV2 = novel Oral Polio Vaccine Type 2*

*WPV1 = Wild Poliovirus, Type 1*

*ES = Positive Environmental Samples*

*New WPV1 & cVDPV cases & positive ES samples reported last week*

New wild poliovirus isolates (WPV1) reported last week:

**Acute Flaccid Paralysis (AFP) cases: 1**

**Positive Environmental Samples (ES): 2**

New circulating Vaccine Derived Poliovirus (cVDPV) isolates reported last week:

**Acute Flaccid Paralysis (AFP) cases: 1**

**Positive Environmental Samples (ES): 21**

Reported WPV1 and cVDPV cases as of 31st of May, 2023

Reported Wild poliovirus (WPV) cases

- **Total global WPV1 cases in 2023: 4 (Compared to 8 for the same period in 2022)**
- **Total global WPV1 cases in 2022: 30**
- **Total global WPV1 cases in 2021: 6**
- **Total global WPV1 cases in 2020: 140**
- **Total global WPV1 cases in 2019: 176**

Reported Circulating vaccine-derived poliovirus (cVDPV) cases

- **Total global cVDPV cases in 2023: 87 (Compared to 102 for the same period in 2022)**
- **Total global cVDPV cases in 2022: 861**
- **Total global cVDPV cases in 2021: 698**
- **Total global cVDPV cases in 2020: 1,113**

Summary of new WPV and cVDPV reported last week (AFP cases and ES positives) by country. For complete details on individual countries, go to <https://polioeradication.org/polio-today/polio-now/this-week/>

For more extensive information on endemic and outbreak countries, go to <https://polioeradication.org/where-we-work/polio-outbreak-countries/>

- **Afghanistan:** one WPV1 case
- **Pakistan:** two WPV1 positive environmental samples
- **Algeria:** one cVDPV2 positive environmental sample
- **Burundi:** four cVDPV2 positive environmental samples
- **Central African Republic:** one cVDPV2 case
- **United States of America:** 16 cVDPV2 positive environmental samples