



# Rotary Zones 26 & 27

## PolioPlus Weekly Update

03 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)** - Happy to once again report, for the 11th week in a row, **no new cases** anywhere in the world.
  - SEVENTY-TWO** - The number of days since the last case of WPV1 occurred in Pakistan (February 20th, 2023).
  - TWO HUNDRED & FORTY-SIX – (8 MONTHS +)** The number of days since the last case of WPV1 occurred in Afghanistan (August 29th, 2022).
  - TWO HUNDRED & SIXTY-SIX – (7 MONTHS +)** The number of days since the last case of WPV1 occurred in Mozambique (August 10th, 2022).
  - ONE** - The number of WPV1 cases reported for the year **2023** (1 in Pakistan)
  - 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**.
- I'm also happy to report once again, **ZERO Positive Environmental Samples last week, So the 2023 total remains at 21 Positive Wild Samples** (18 in Afghanistan and 3 in Pakistan). The total count of Positive Wild Samples for **2022 also 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 compared to 40 cases the week before. It occurred in Côte d'Ivoire. So this brings the **2023 year's total to 62**. The **2022 case total remains at 857**.

There were however, **8 Positive Vaccine Derived Environmental Samples (ES)** reported this last week from Madagascar, so the **total for 2023 increases to 55**. The **2022 count remains at 439**.

- **THERE HAVE BEEN A FEW ALARMING REPORTS THAT SUDAN** is facing a huge biological risk after fighters from one of the warring factions took control of a public laboratory holding samples of deadly pathogens, including those that cause polio, cholera and measles. Technicians are currently unable to access the lab to secure the infectious materials. Rotary issued an official statement on this situation dated 1 May, 2023 and it follows here:

#### Rotary Statement on Sudan

1 May 2023

- Rotary and our partners in the Global Polio Eradication Initiative are deeply concerned about reports of the occupation of Sudan's National Public Health Laboratory by one of the parties to the conflict. The World Health Organization (WHO) is currently undertaking an assessment to better determine the risks to public health.
- The potential for a leak of vaccine-derived poliovirus, or other viruses presents an extremely high biohazard risk. Although the estimated number of positive polio isolates in this lab is low, the situation is extremely dangerous.
- For Sudan's children, there is an additional risk in that the conflict has completely halted immunization, including the response to the outbreak of variant poliovirus that increases the risk of further spread resulting in more paralyzed children.
- As WHO continues to assess this incident, the greatest danger to the public remains the lack of access to food, clean water, electricity, health care, and general safety given the intensity of the fighting.
- The situation in Sudan demonstrates the importance of the work that Rotary does in promoting peace and conflict prevention and our ongoing commitment to a polio-free world. It is important for Rotary members to continue their support for PolioPlus and the End Polio Now campaign to build on the progress to date and protect children everywhere from paralysis by the poliovirus.

We will keep you apprised of any change in the situation.

- **THE FLIGHT TO END POLIO** - In all of recorded history:
  - Only 4,000 people have successfully climbed Mt. Everest
  - Only 500 have been in space
  - Only 700 pilots have successfully flown around the world in a light aircraft (And less than 270 of them are alive today).

Introducing Flying Rotarians John Ockenfels of the Iowa City, Iowa A.M. Rotary Club and his flying partner (and cousin) Peter Teahen of the Cedar Rapids West Rotary Club, who will be attempting to be the 701st and 702nd pilots to circumnavigate the earth in a light airplane...and on top of that, in a **SINGLE**



**ENGINE** aircraft. Ya know, as a commercial airline pilot, I made hundreds of crossings over the Atlantic and Pacific oceans, but it was always in 3 and 4 engine aircraft. Would I do it in a single engine aircraft? Nahhhh, I don't think so...but these Rotarians are. My hat is off to them in their quest to raise money for our fight against polio. All funds donated will go directly to PolioPlus as they are

financing this trip via sponsorships and out of their own pockets. And oh yeah, Both are members of the International Fellowship of Flying Rotarians. To find out more about their adventure, and even be able to track them on FlightAware as they progress, go to [flighttoendpolio.com](http://flighttoendpolio.com).

They completed the first leg of their trip on May 5th from Cedar Rapids, Iowa to Portsmouth, NH and are no doubt, awaiting for ideal conditions before beginning their 2nd leg to Goose Bay, Labrador, Canada. From there the 3rd leg will take them to Greenland.

To donate to their flight, there are many ways to do so, but the best way IMHO, is to go their [raise.rotary.org page](http://raise.rotary.org) where your donation will not only go to their cause, but will be automatically credited to your Paul Harris Recognition Account, and of course, be tripled by the Bill and Melinda Gates Foundation. God Speed gentlemen 😊.



- **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 03 May, 2023, World Health Organization

You will see below, that the number of wild polio cases for 2023 as of May 3rd is 1. 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: 0**

**Positive Environmental Samples (ES): 0**

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

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

**Positive Environmental Samples (ES): 8**

## Reported WPV1 and cVDPV cases as of 3 of May, 2023

### Reported Wild poliovirus (WPV) cases

- **Total global WPV1 cases in 2023: 1 (Compared to 3 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: 62 (Compared to 55 for the same period in 2022)**
- **Total global cVDPV cases in 2022: 857**
- **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/>

- **Côte d'Ivoire: one cVDPV2 case**
- **Madagascar: eight cVDPV1 positive environmental samples**