

Rotary Zones 26 & 27

PolioPlus Weekly Update

22 February, 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) - ONCE AGAIN, NO NEW CASES of Wild Polio Virus Type 1** anywhere in the world, now for the last **23 weeks.**

ONE HUNDRED & SIXTY - The number of days since the last case of WPV1 occurred in Pakistan (September 15th, 2022).

ONE HUNDRED & SEVENTY-SIX - The number of days since the last case of WPV1 occurred in Afghanistan (August 29th, 2022).

ONE HUNDRED & NINETY-SIX — The number of days since the last case of WPV1 occurred in Mozambique (August 10th, 2022).

FOUR HUNDRED & SIXTY — (ONE YEAR +) - The number of days since the last case of WPV1 occurred in Malawi (November 19th, 2021).

FIFTY-THREE - The number of days without any WPV1 cases reported for the year **2023.**

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 - The total number of WPV1 cases that occurred in **2020.**

There were, however, **2 WPV1 Positive Environmental Samples** reported this last week in Nangarhar, Afghanistan. **So the 2023 total increases to 11 Positive Wild Samples to date (9 in Afghanistan and 2 in Pakistan).** The total count of Positive Wild Environmental 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 were **8 new cases of CVDP** reported this last week compared to 18 total cases the week before. 4 were from

DR Congo (Type 2), 2 from Mozambique (Type 1), one from Madagascar (Type 1) and one from Yemen (Type 2). However, since they were all collected in 2022, that brings the **2022 year to date case totals to 724. The 2023 count remains at 3.**

There were also 15 **Positive Vaccine Derived Environmental Samples (ES)** collected, 8 in Madagascar (Type 1), 5 in Yemen (Type 2) and 2 in Algeria (Type 2). However all but 2 were collected in 2022, so that brings the **2022 total number of Positive Vaccine Derived Environmental Samples (ES) to 369 for the year. The two Algerian cases are the ones that were collected in 2023, and are the first for the new year.**

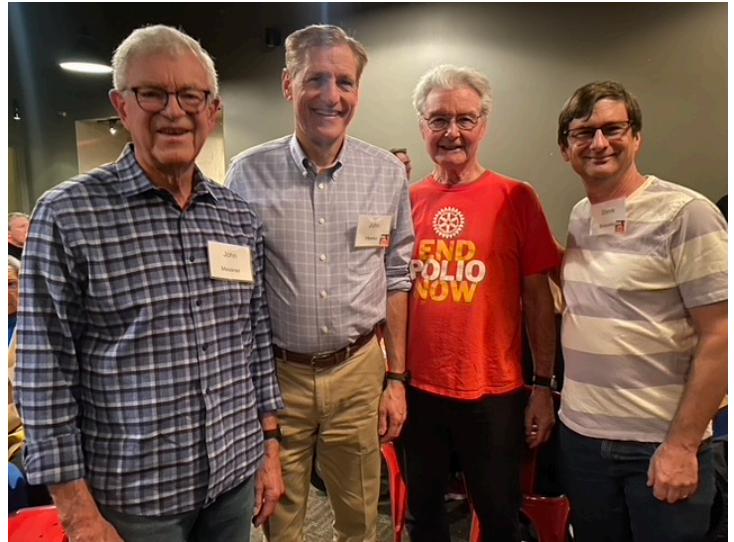
- **nOPV2 ROLLOUT: SINCE RECEIVING ITS EUL (EMERGENCY USE LISTING) ON NOVEMBER 13, 2020, AND IT'S SUBSEQUENT ROLLOUT IN MARCH, 2021, OVER 585 MILLION DOSES OF nOPV2 (novel ORAL POLIO VACCINE TYPE 2) have been administered across 27 countries to date. An additional 14 countries have met the requirements for nOPV2 use in the event of an outbreak. While you can drill down and learn the full explicit details about nOPV2, including it's clinical trials, by visiting [the nOPV2 web page](#), may I suggest you read the Q&A document embedded within that website by going to [nOPV2 Q&A's](#). In it I think you'll find the answers to most of the questions you may have about this new vaccine. Although it's slightly dated (August, 2022), so some numbers may be old, I think it's a very informative "quick read" on nOPV2. For example, you can find little tidbits like, did you know it only costs 15 cents US per dose, and that it's currently being used only for outbreaks vs regular NID's? These and so much more in the Q&A's you may find useful for your presentations.**
- **DID YOU KNOW THAT ROTARY PUTS OUT IT'S OWN "END POLIO NOW" NEWSLETTER?** If you go to http://rotary.highroadsolution.com/ri_preference_center/Form.aspx you will find a listing of various newsletters that Rotary staff produces regularly to keep us up to date on the various subjects we are interested in. And the first one listed on this signup webpage is the **End Polio Now Newsletter**. If you haven't signed up for it yet, it's easy to do and takes about one minute to accomplish.
For example, in the February Issue, <https://msgfocus.rotary.org/q/12FLXPb8iroW8lhKJ09dBZ0H/wv> among other things, they encourage us to use the new call to action theme, **"TOGETHER, WE END POLIO"**. I am assuming this is to freshen up our image and also guessing that it replaces the "We are this close" campaign that we've successfully used for so many years, as I haven't seen it on any "official" websites, etc. lately...however, I could be wrong, and if so, please let me know.

- **A QUICK ADDENDUM TO THE REPORTING ON THE FINANCIAL RESULTS OF THE TUCSON “RIDE TO END POLIO” A COUPLE WEEKS AGO** - I just want to brag about 3 of our District 5180 Rotarians

(Sacramento area) who rode the event and collectively raised almost \$100,000 of the \$600,000 raised (before the Gates 2 for 1 match).

They are left to right, John Messner, General Secretary John Hewko who joined in for the photo op, Joe Scheimer and Steve Brozosky.

Incidentally, Joe Scheimer came in #2 for the whole ride with \$42,389 to his credit. Congratulations on your successful rides and fundraising gentlemen .



- **THAT’S IT FOR THIS WEEK FOLKS.** Hang in there and, as always, continue to keep Ukraine in your thoughts, along with 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 22 February, 2023, World Health Organization

You will see below, that the number of wild polio cases for 2023 as of February 22nd is Zero.

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): 2

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

Acute Flaccid Paralysis (AFP) cases: 18 (All occurred in 2022)

Positive Environmental Samples (ES): 11 (All but 2 occurred in 2022)

Reported WPV1 and cVDPV cases as of 22nd February, 2023

Reported Wild poliovirus (WPV) cases

- **Total global WPV1 cases in 2023: 0 (Compared to 1 for the same period in 2022)**
- **Total global WPV1 cases in 2022: 30 (Compared to 1 for the same period in 2021)**
- **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: 3 (Compared to 7 for the same period in 2022)**
- **Total global cVDPV cases in 2022: 724 (Compared to 635 for the same period in 2021)**
- **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: two WPV1 positive environmental samples
- Algeria: two cVDPV2 positive environmental samples
- DRC: four cVDPV2 cases
- Madagascar: one cVDPV1 case and eight positive environmental samples
- Mozambique: two cVDPV1 cases
- Yemen: one cVDPV2 case and five positive environmental samples