



Rotary Zones 26 & 27

PolioPlus Weekly Update

01 February, 2023



Note: This update is going out to all Zone 26 & 27 DG's, DGE'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 20 weeks.

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

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

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

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

THIRTY-TWO - 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 was, however, **1 WPV1 Positive Environmental Sample** collected this last week in the Punjab Province of Pakistan. The total count of Positive Wild Environmental Samples for **2022 remains at 63 (41 in Pakistan and 22 in Afghanistan)**, and we now have **5 Positive Wild Samples to date for 2023 (3 in Afghanistan and 2 in Pakistan)**.

- **CIRCULATING VACCINE-DERIVED POLIO** - On our other battlefield in the war on polio, the circulating Vaccine-Derived Polio, there were **11 new cases of Type 2** reported this last week compared to 2 the week before. One case occurred in 2023

(Indonesia) and the balance occurred in 2022 (7 in Chad and 1 each in the Central African Republic, Nigeria and Yemen). That brings the **2022 year to date case totals to 666 and 1 for the 2023 year**. Note that this is the 2nd week in a row that there were no cases reported from DR Congo.

There were also **2 Positive Vaccine Derived Environmental Samples (ES)** collected, 1 in Chad and one in Somalia. Both were Type 2. However since they both occurred in 2022, it brings the **2022 total number of Positive Vaccine Derived Environmental Samples (ES) to 342 for the year**. None have been reported yet as being collected in 2023.

- **THERE ARE ROBUST PROTOCOLS IN PLACE FOR THE CONTAINMENT OF LIVE POLIO VIRUSES BEING USED IN THE MANUFACTURE OF VACCINES, FOR RESEARCH AND OTHER RELATED PURPOSES. ONE OF THEM IS ROUTINE SURVEILLANCE OF THE FACILITY IN WHICH THEY ARE BEING USED OR STORED.** The following story reads like a mystery novel, rather frightening, but ultimately up-lifting. It occurred in a vaccine production facility in the Netherlands last year. Not only that...it was from a strain (Type 3) that was declared eradicated in 2019. The story was reported in a February 3rd article in ARS Technica, an online newsletter devoted to technology and corroborated by a recent communications from WHO about this event. [Click here](#) for the full story.
- **THE PYRAMIDS OF GIZA HAVE NOTHING OVER THE “END POLIO NOW PYRAMID”** that recently appeared in the sands of Giza with the Great Pyramids in



the background. The End Polio Now National Chair in Egypt, who also happens to be the Public Image Coordinator, showed up one day recently with about 400 Rotarians to create a Pyramid of their own, complete with red End Polio Now T-shirts, caps and other EPN Swag and posters. I think this deserves the title of “PolioPlus Photo of the Month”, don’t you?

- 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

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Poliovirus Weekly Update 01 February, 2023, World Health Organization

You will see below, that the number of wild polio cases for 2023 as of February 1st 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): 1

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

Acute Flaccid Paralysis (AFP) cases: 11 (All but 1 occurred in 2022)

Positive Environmental Samples (ES): 2 (Both Occurred in 2022)

Reported WPV1 and cVDPV cases as of 1st 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 5 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: 1 (Compared to 6 for the same period in 2022)**
- **Total global cVDPV cases in 2022: 666 (Compared to 602 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/>

- Pakistan: one WPV1 positive environmental sample
- Central African Republic: one cVDPV2 case
- Chad: seven cVDPV2 cases and one positive environmental sample
- Indonesia: one cVDPV2 case
- Nigeria: one cVDPV2 case
- Somalia: one cVDPV2 positive environmental sample
- Yemen: one cVDPV2 case