



Rotary Zones 26 & 27

PolioPlus Weekly Update

29 March, 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:

Lots of stuff to cover in this week's newsletter...and all pertinent.

- **WILD POLIO VIRUS, TYPE 1 (WPV1)** - No new cases to report this week anywhere in the world. In Pakistan, after the discovery of the first case of WPV1 in 2023 a few weeks back, Intensified efforts continue to be implemented in the country. In particular, the southern area of Khyber Pakhtunkhwa, where the case originated, to urgently eradicate the remaining endemic WPV1 transmission. The good news is that in Pakistan, since January 2021, all cases have been reported coming from the seven polio-endemic districts in the southern area of Khyber Pakhtunkhwa (out of a total of 171 districts nationwide).

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

TWO HUNDRED & ELEVEN – (6 MONTHS +) The number of days since the last case of WPV1 occurred in Afghanistan (August 29th, 2022).

TWO HUNDRED & THIRTY-ONE – (6 MONTHS +) The number of days since the last case of WPV1 occurred in Mozambique (August 10th, 2022).

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

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**.

There was also **1 WPV1 Positive Environmental Sample** reported this last week from the Nangarhar Province of Afghanistan. **So the 2023 total increases to 17 Positive Wild Samples to date (14 in Afghanistan and 3 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 **40 cases of cVDP** reported this last week compared to only 6 cases the week before. However, 23 cases in DR Congo actually occurred in 2022, with the balance of 17 cases (10 in DR Congo, 5 in the Central African Republic and 2 in Chad) occurring in 2023. This brings the **2022 case totals to 814.** The remaining 17 cases **brings this year's total to 31.**

There were also **5 Positive Vaccine Derived Environmental Samples (ES)** reported, all collected in 2023, bringing **total number of Positive Vaccine Derived Environmental Samples (ES) to 29.** The 2022 numbers remain the same with the year to date total being 437.

- **THE STRATEGIC ADVISORY GROUP OF EXPERTS ON IMMUNIZATION (SAGE)** met last week in Geneva, to deliberate on a broad range of immunization issues, including polio eradication. On polio eradication, to enable and ensure a timely and effective response, SAGE stressed conducting outbreak response without delay. For outbreak response with oral polio vaccines...to read the rest of the article
- [click here](#) and scroll down to Session 6, Polio Eradication, Page 4.

- **THIS MONTH MARKS 2 YEARS SINCE novel ORAL POLIO VACCINE TYPE 2 (nOPV2) BEGAN ITS FIELD ROLLOUT,** with almost 600 million doses in 28 countries administered to date. So how's it doing? **Read this informative interview** of two leaders of GPEI's working group, Simona Zipursky of the WHO and Ananda Bandyopadhyay, with the Gates Foundation, to find out.



- **SPEAKING OF THE GATES FOUNDATION**, have you seen this [short video](#) on youtube put out by the BMGF on Anti-Vaxxers over 5 years ago, BEFORE the Covid-19 pandemic? This 7 minute video addresses the top 7 arguments used by anti-vaxxers and/or those “sitting on the fence” about whether to vaccinate their kids or not. This is especially poignant this month as April 24th to 30th is World



Immunization Week. **Spread Awareness. Get Vaccinated. Save Lives.** Go to endpolio.org to download the World Immunization Week Toolkit.

- **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

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Poliovirus Weekly Update 29 March, 2023, World Health Organization

You will see below, that the number of wild polio cases for 2023 as of March 29th 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: 1

Positive Environmental Samples (ES): 4

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

Acute Flaccid Paralysis (AFP) cases: 6 (compared to 11 for the same period in 2022)

Positive Environmental Samples (ES): 12

Reported WPV1 and cVDPV cases as of 29th March, 2023

Reported Wild poliovirus (WPV) cases

- **Total global WPV1 cases in 2023: 1 (Compared to 1 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: 14 (Compared to 11 for the same period in 2022)**
- **Total global cVDPV cases in 2022: 791**
- **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 wild poliovirus type 1 (WPV1)-positive environmental sample.
- **Central African Republic (CAR):** five circulating vaccine-derived poliovirus type 2 (cVDPV2) cases.
- **Chad:** two cVDPV2 cases.
- **Democratic Republic of the Congo (DR Congo):** 11 circulating vaccine-derived poliovirus type 1 (cVDPV1) cases and 22 cVDPV2 cases.
- **Madagascar:** three cVDPV1-positive environmental samples.
- **Nigeria:** two cVDPV2-positive environmental samples.