



Rotary Zones 26 & 27

PolioPlus Weekly Update 03 August, 2022



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) -**

- There was one new case reported as occurring on June 30th in the Khyber Pakhtunkhwa Province, the same Province as the the prior 13 cases reported earlier this year. This brings Pakistan's total case count to 14, year to date.
- In response to the three cases reported last week in Mozambique, a field investigation is underway with focus on surveillance and to more clearly assess geographical scope of circulation, and to ultimately guide future response plans. Three immunization rounds already occurred earlier this year in response to their first case back in March.

THIRTY-FOUR - The number of days since the last case of WPV1 occurred in Pakistan (June 30th).

FIFTY-FOUR - The number of days since the last case of WPV1 occurred in Mozambique (June 10th).

TWO HUNDRED AND ONE (6 MONTHS +) The number of days since the last case of WPV1 occurred in Afghanistan (January 14th).

TWO HUNDRED AND FIFTY-SEVEN (8 MONTHS +) - The number of days since the last case of WPV1 occurred in Malawi (November 19th, 2021).

NINETEEN - The total number of cases of WPV1 that has occurred in 2022 year-to-date (1 in Afghanistan, 4 in Mozambique and 14 in Pakistan).

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

ONE HUNDRED AND FORTY - The total number of cases of WPV1 that occurred in 2020.

ONE HUNDRED AND SEVENTY-SIX - The total number of cases of WPV1 that occurred in 2019.

There were NO New Wild Positive Environmental Sample (ES) reported these last two weeks. The total year to date remains at **seven**, six in Pakistan and one in Afghanistan.

- **CIRCULATING VACCINE-DERIVED POLIO** - On our other battlefield in the war on polio, the **circulating Vaccine-Derived Polio** there were **no new cases reported**. The year to date count remains at **187 vs 183 last year** at this time.

While there were no new cases reported, there were a total of 28 Positive Environmental Samples (ES) reported last week, 27 which were collected in Madagascar, and 1 in Nigeria. Of note is the fact that all of the Madagascar samples were of the Type 1 (cVDPV1), and that they were collected in communities from one end of the island nation to the other vs just one local area. The total cases of cVDPV1 in Madagascar this year to date is 8 vs 13 total last year.

Update on the case of cVDPV2 reported in Rockland County, New York - In an August 4th article (updated on August 5th)

in the San Francisco Chronicle, it was reported by health officials in New York that the polio virus has been found in seven different wastewater samples from the two adjacent counties of Rockland and Orange, just north of New York City. And these two counties have among the

lowest vaccination rates for polio in New York state. Only 60% of young children in Rockland County have had the three doses of polio vaccine they should have received by their second birthday; in Orange County, the rate is 59%. And while positive wastewater samples haven't been reported from nearby Sullivan County, the next county north of Orange County, it too has a dismal polio vaccination rate for 2-year olds of only 62%. For the complete article, [click here](#).



- **THE WORLD HEALTH ORGANIZATION (WHO) NOW DEEMS THREE DISEASES AS PUBLIC HEALTH EMERGENCIES OF INTERNATIONAL CONCERN (PHEICs)**. They are Monkeypox, Covid-19 and **POLIO**. (Previously PHEICs were attributed to the 2014 Ebola outbreak and the spread of the Zika virus in 2016). According to Wikipedia, PHEIC is defined as an extraordinary event which is determined to constitute a public health risk to other States through the international spread of disease and to potentially require a coordinated international response.
- **EXCELLENT PRIMER ON POLIO IN JULY ISSUE OF GPEI POLIO NEWS** - In case you missed it, here is an excellent [article on polio](#)...what it is and

what it does and how it does it, written by Helen Branswell, Senior Staff Writer on Infectious Diseases for STAT, an online website specializing in in-depth analysis of biopharma and the life sciences. Please note that the article was published on July 26th, so the some of the statistical numbers of cases may not be accurate due to additional cases occurring since this was written.

- **WORLD POLIO DAY PLANNING DISCUSSION** - Before you know it, October 24th (World Polio Day) will be upon us, and it is an excellent opportunity to raise awareness and funds for PolioPlus in your clubs and local communities. Please join us for a workshop your Zone Coordinators are holding via Zoom to help you plan your WPD event with discussion, ideas and more. [Register here](#) in advance for this event, taking place on Thursday, August 18th, at 5:00 to 6:00 PM Pacific Time. Invite your club leaders to attend as well, We hope to see you there 😊.



Rotary 
Zone 26 / 27



**ZONE 26/27
WORLD POLIO DAY
DISCUSSION
AUGUST 18, 2022
5:00 - 6:00 PM**

Join us for a casual discussion of best practices, tips, and tools for your World Polio Day Planning.

Register in advance for this meeting:
<https://us02web.zoom.us/join/register/tZ0sf-GhrT8iHdJkGBSqX603CTxocC4fmdUU>

After registering, you will receive a confirmation email containing information about joining the meeting.

- **THAT'S IT FOR THIS WEEK FOLKS.** Hang in there and 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)
(707) 766-4636

[Wild Poliovirus Summary](#)

Poliovirus Weekly Update 03 August, 2022, World Health Organization

You will see below, that the number of wild polio cases for **2022** as of August 03, is now 18 (1 in Afghanistan, 14 in Pakistan and 4 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 wild poliovirus isolates (WPV1) reported last week:

Acute Flaccid Paralysis (AFP) cases: 1

Positive Environmental Samples (ES): 0

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

Acute Flaccid Paralysis (AFP) cases: 0

Positive Environmental Samples (ES): 28

Reported WPV1 and cVDPV cases as of August 3, 2022

Wild poliovirus (WPV) cases

- **Total global WPV1 cases in 2022: 19 (Compared to 2 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**

Circulating vaccine-derived poliovirus (cVDPV) cases

- **Total global cVDPV cases in 2022: 187 (compared to 183 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 this 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/>

- **Pakistan: one WPV1 case**
- **Madagascar: 27 cVDPV1 positive environmental samples**
- **Nigeria: one cVDPV2 positive environmental sample**