

Polio Updates from Terry Zeigler, Rotary Region 26, Endowment/Major Gifts Advisor

July 16, 2021

The Final Two Polio Endemic Countries:

Pakistan

No new Wild Polio cases reported this week.

One Wild Polio case reported in 2021.

The most recent case had an onset of paralysis on 1/27/21.

Pakistan reported 84 Wild Polio cases in 2020.

No WPV1 & cVDPV2 Positive Environmental Samples were reported this week in Pakistan.

Afghanistan

No new Wild Polio cases reported this week.

One Wild Polio case reported in 2021

The most recent case had an onset of paralysis on 1/01/21. Afghanistan reported 56 Wild Polio cases in 2020.

No WPV1 & cVDPV2-Positive Environmental Samples were reported this week in Afghanistan.

May 21 Dear Polio Eradication Warriors,

No new Wild Polio cases reported this week!

What is that Polio Picture? This picture shows a child in Pakistan having her pinkie finger marked at a Polio vaccination event.

Bears Repeating - Exceptional Progress! "For the first time, all of the sites that undertake environmental testing for the wild poliovirus in Pakistan and in Afghanistan near the border have concurrently shown no presence of the wild polio virus. This is a sign of tremendous progress in the 35 plus year effort to eradicate polio. We have also gone 14 weeks without a wild poliovirus case. There have been just 4 cases of the wild polio virus in the last six months. We have seen 2 wild polio cases since January 1st. Certainly, we will likely see more cases and we will later find positive samples of wild polio virus in the environment, but this is a good sign we are definitely getting closer. It is remarkably similar to what we saw in India a decade ago. And we are also seeing fewer vaccine derived cases than we saw last year.

July 9th, 2021 No new Wild Polio cases reported this week! What is that Polio Picture? This picture shows a Female Vaccination Team preparing to immunize children against Polio in Afghanistan.

The **Third** of the comprehensive list of actions on the ***Delivering On A Promise - Polio Eradication Strategy 2022-2026*** is: **Strengthening advocacy to urge greater accountability and ownership of the program at all levels, including enhanced**

performance measurement and engagement with new partners, such as the new Mediterranean Regional Subcommittee on Polio Eradication and Outbreaks..

The 2022-26 Polio Eradication Strategy underscores the urgency of 2021-2026 Polio eradication efforts and offers a comprehensive set of actions that will position the GPEI to achieve a Polio-free world!

July 16 No new Wild Polio cases reported this week! Dear Polio Eradication Warriors,

No new Wild Polio cases reported this week! *See attached report.*

What is that Polio Picture? This picture shows a Centers for Disease Control and Prevention (CDC) scientist interacting with her Caliper LifeSciences' Zephyr Molecular Biology Workstation, working with samples to be tested using a real-time PCR machine, known as a thermocycler, to identify the various types of Poliovirus contained in a sample. The data from this analysis is stored in a computer, while the software further analyzes the data before being reviewed by a scientist. The thermocycler can vary the temperature, which is important, for PCR requires multiple test rounds at different temperatures. In the instrument, viral RNA is copied into DNA and then the DNA is amplified. Specific probes bind to the DNA, in order to determine what type of polio present. One hundred ten labs around the world can run this assay, and can tell if an isolate contains Polio, or not, and if so, what kind. .

The **Last** of the comprehensive list of actions on the ***Delivering On A Promise - Polio Eradication Strategy 2022-2026*** is: **Implementing innovative new tools - such as digital payments to frontline health workers, to further improve the impact and efficiency of Polio campaigns.**

The 2022-26 Polio Eradication Strategy underscores the urgency of 2021-2026 Polio eradication efforts and offers a comprehensive set of actions that will position the GPEI to achieve a Polio-free world!

A Win Against Polio is a Win For Global Health!

Did You Know – That this year, the World Polio Day Program will be available for download early to clubs which have registered a World Polio Day event?