

Date: December 3, 2021
From: WHO Collaborating Center for Dracunculiasis Eradication, CDC
Subject: GUINEA WORM WRAP-UP #283
To: Addressees

Contain and explain every Guinea worm!

Figure 1



**Provisional January - November*

O CNKCKO U'VQ'UVQR'F QI U'GZRQUWTG'VQ'I W'PGC'Y QTO



Despite achieving zero known Guinea worm cases in humans for 51 months over four consecutive years, 2016-2020, the MGWEP still detected Guinea worms in domestic dogs during that period. Since then, dog infections continue to be reported as well as one human case in 2020 and two human cases in 2021 (Figure 1). For most of the past decade, a high number of Guinea worm infections in humans, dogs and cats have occurred in the inland delta of the Niger River, an area of about 120x120mi (200x200km) comprising parts of Mopti and Segou Regions (see maps in *Guinea Worm Wrap-Up #280 & #259*). The MGWEP currently has 2,215 villages under active surveillance with trained local Guinea worm workers and offers widely known rewards of US\$340 and US\$20 equivalent for reporting a human case and reporting and tethering an infected animal, respectively, which has allowed it to detect and contain most Guinea worm infections and cases promptly, even in areas of on-going insecurity.

The MGWEP has detected 15 infected dogs, 2 human cases, and one infected cat in 14 villages/localities

Obituary

We regret to report the passing of intrepid Guinea Worm Warrior Dr. Adama SOBINGO on October 23, 2021. He was a dedicated Malian physician and technical advisor to the MGWEP in Kidal Region since before 2014. Dr. Adama was withdrawn to Bamako briefly for his safety shortly after the regional health director and his driver were attacked by insurgents in 2016, but he immediately

The Director of The Carter Center Guinea Worm Eradication Program, Adam Weiss, MPH conducted a supportive visit to Chad on October 25-November 3, 2021. He participated in a four-day training workshop with national Program, which was a welcome opportunity to interact with the TAs, some of whom joined the program during the COVID-19 pandemic. National Coordinator Dr. Tchindebet Ouakou gave several presentations during the training. Adam Weiss, Dr. Chris Cleveland and Dr. Ellen Haynes from University of Georgia, wildlife veterinarian consultant Dr. John Bryan II, and Carter Center Country Representative Dr. Hubert Zirimwabagabo held a briefing with the national coordinator about enrollment

grasp the stakes of Guinea Worm Eradication, are very motivated to see that their efforts to eradicate the disease can, in fact, result in different development initiatives. A village chief commented, Who would imagine that tethering dogs could also build a school for our kids.

reading fast! Each month, the Chad GWEP is being asked to hold meetings in other villages and more are adopting this approach. Our hope is for communities to be more motivated, take more ownership, and drive us one step closer to eradication.

- *Claire Aubry, Technical Advisor, Chad*

ETHIOPIA

Ethiopia has reported only 1 human case, 1 cat infection, 1 dog infection, and 0

•

DEFINITION OF A PRESUMED SOURCE OF GUINEA WORM INFECTION

A presumed source/location of a human dracunculiasis case is considered identified if:

The patient drank unsafe water from the same source/location (specify) as other human case(s) or an infected domestic animal 10-14 months before infection, or

Number of Laboratory-Confirmed Cases of Guinea Worm Disease, and Number Reported Contained by Month during 2021*
 (Countries arranged in descending order of cases in 2020)

COUNTRIES WITH TRANSMISSION OF GUINEA WORMS	NUMBER OF CASES CONTAINED / NUMBER OF CASES REPORTED													% CONT.
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL*	
CHAD^	0/0	1/1	1/1	1/2	0/0	0/0	1/2	0/0	0/0	1/1	/	/	5/7	71%
ETHIOPIA	0/0	1/1	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	/	/	1/1	100%
SOUTH SUDAN	0/0	0/0	0/0	0/0										

RECENT PUBLICATIONS

Guagliardo S.A.J., Thiele E., Unterwegner K., Nanguita N.N., et.al., 2021. Epidemiological and molecular investigations of a point-source outbreak of *Drkof*