



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service
Centers for Disease Control
and Prevention (CDC)
Memorandum

Date: September 27, 2004



From: WHO Collaborating Center for
Research, Training and Eradication of Dracunculiasis

Subject: GUINEA WORM WRAP-UP #146

To: Addressees

GHANA'S CASES FALL BY MORE THAN 40% IN JULY AND AUGUST

Ghana has reported 258 and 115 cases in July and August 2004, which represent reductions of –46% and –43% for those two months, respectively, compared to the same two months of 2003, when the program reported 474 and 203 cases. This is the first time since April 2002 that the program has recorded two successive months of such significant declines in reported incidence of dracunculiasis. It is also the first time in many months that Ghana has reported a cumulative decline in cases for the year, which is now –2% for the period January-August 2004 (6,036 vs. 6,145). Three of the four districts that reported large outbreaks earlier in 2003 (Nkwanta, Savelugu-Nanton, Tolon-Kumbungu) have now reported reductions in cases for at least two or three successive months each. Ghana's overall case containment rate in 2004 so far now stands at 63%. The vice-president of Ghana was obliged to cancel his intended visit to Nkwanta District in early September, but all of the endemic villages in that district which had received boreholes this year under the Government of Ghana's HIPC initiative, now have hand pumps installed and clean drinking water flowing from all of those new wells as a result of preparations for the vice president's visit. Sudan has not yet reported its cases for August, but as of now Ghana has reported 56% of all cases worldwide in 2004, whereas Sudan has reported 36% of all cases.

DONATIONS BY U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT



The Carter Center has received a pledge of \$2 million over two years from the U.S. Agency for International Development. These funds will be used to help eliminate Guinea worm disease from all remaining endemic areas in Ghana and maintain current efforts in Sudan.

DONATION BY NORWEGIAN MINISTRY OF FOREIGN AFFAIRS



The Norwegian Royal Ministry of Foreign Affairs has informed The Carter Center that the Ministry will provide approximately \$1 million over two years (Fiscal Years 2004 and 2005) for the Carter Center's work to assist the Guinea worm eradication effort in Sudan. The Carter Center reports that since 1989 the Norwegian Royal Ministry of Foreign Affairs has provided more than \$6.3 million for support of the Center's Health and Peace Program activities.

Table 1

Number of cases contained and number reported by month during 2004*

(Countries arranged in descending order of cases in 2003)

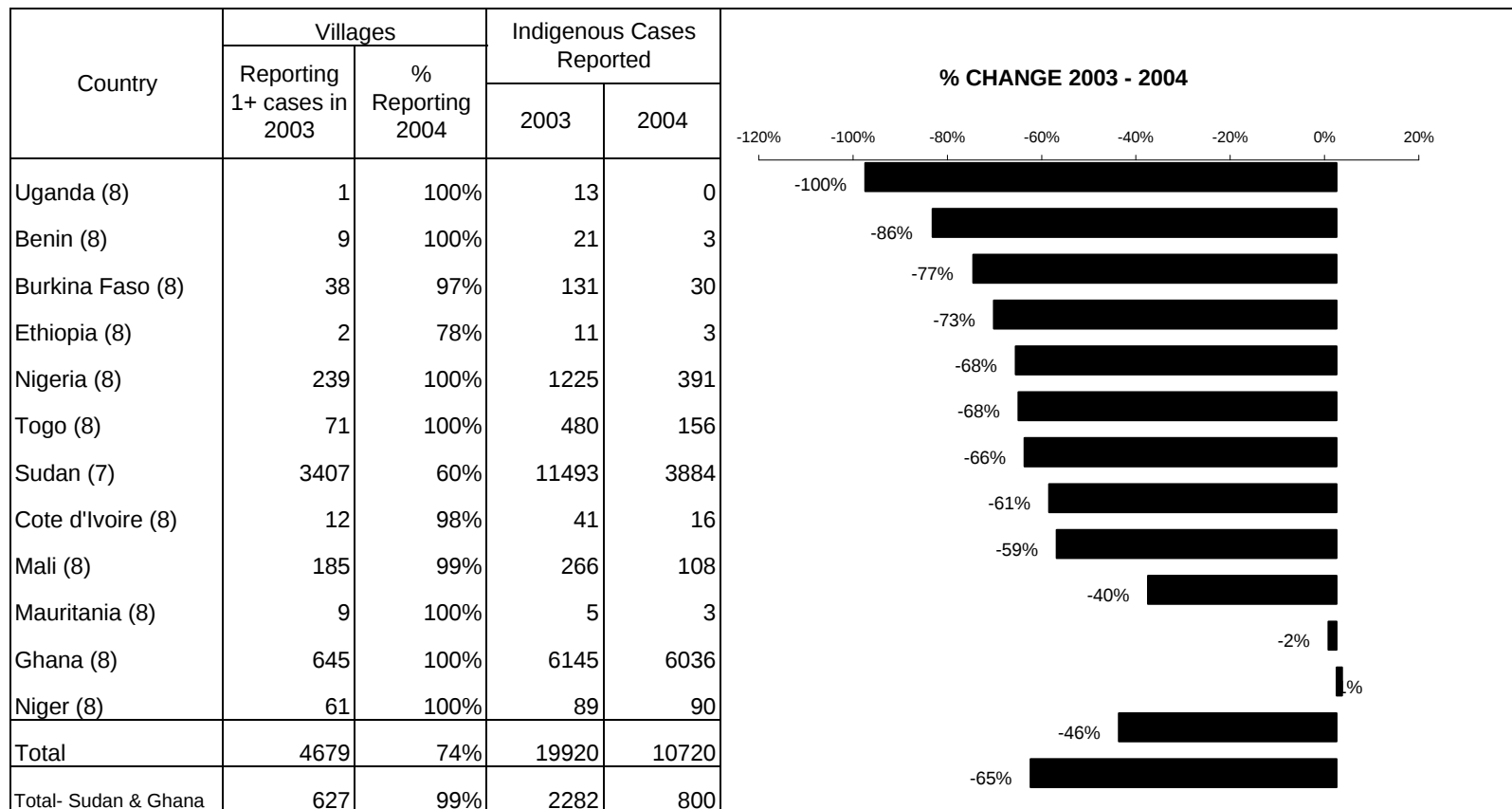
COUNTRIES REPORTING CASES	NUMBER OF CASES CONTAINED / NUMBER OF CASES REPORTED													CONT.	%
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL*		
SUDAN	33 / 206	44 / 229	31 / 165	57 / 493	131 / 911	153 / 1142	143 / 738	/	/	/	/	/	592 / 3884	15	
GHANA	647 / 1214	668 / 1139	625 / 981	593 / 906	671 / 906	281 / 521	134 / 258	85 / 115	/	/	/	/	3704 / 6040	61	
NIGERIA	81 / 101	64 / 73	40 / 48	25 / 31	63 / 69	31 / 35	17 / 22	11 / 12	/	/	/	/	332 / 391	85	
MALI	1 / 1	0 / 1	0 / 1	0 / 0	5 / 5	9 / 12	22 / 27	45 / 62	/	/	/	/	82 / 109	75	
TOGO	35 / 46	20 / 29	18 / 47	12 / 21	17 / 20	16 / 22	4 / 6	1 / 3	/	/	/	/	123 / 194	63	
NIGER	1 / 1	2 / 2	1 / 1	3 / 4	4 / 9	13 / 16	28 / 33	21 / 28	/	/	/	/	73 / 94	78	
BURKINA FASO	1 / 1	1 / 2	0 / 0	2 / 2	5 / 5	2 / 3	7 / 13	8 / 10	/	/	/	/	26 / 36	72	
COTE D'IVOIRE	1 / 2	5 / 5	0 / 5	1 / 4	0 / 1	0 / 0	0 / 0	0 / 0	/	/	/	/	7 / 17	41	
BENIN	0 / 0	2 / 2	1 / 1	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	/	/	/	/	3 / 3	100	
ETHIOPIA	0 / 0	1 / 1	0 / 0	2 / 2	6 / 6	3 / 5	2 / 2	0 / 0	/	/	/	/	14 / 16	88	
UGANDA	0 / 0	0 / 0	0 / 0	0 / 0	1 / 1	0 / 0	0 / 0	1 / 1	/	/	/	/	2 / 2	0	
MAURITANIA	1 / 1	0 / 0	0 / 0	0 / 0	0 / 0	2 / 2	0 / 0	0 / 0	/	/	/	/	3 / 3	100	
TOTAL*	801 / 1573	807 / 1483	716 / 1249	695 / 1463	903 / 1933	510 / 1758	357 / 1099	172 / 231	0 / 0	0 / 0	0 / 0	0 / 0	4961 / 10789	46	
% CONTAINED	51	54	57	48	47	29	32	74					46		

* PROVISIONAL

Shaded cells denote months when zero indigenous cases were reported. Numbers indicate how many imported cases were reported and contained that month.

Figure 1

Number of Villages/Localities Reporting Cases of Dracunculiasis in 2003, Percentage of Endemic Villages Reporting in 2004*, Number of Indigenous Cases Reported During the Specified Period in 2003 and 2004*, and Percent Change in Cases Reported



(7) Indicates month for which reports were received, e.g., Jan. - July 2004

* Provisional

PROGRAM REVIEWS

The annual Program Review for the Sudan Guinea Worm Eradication Program will be held in Entebbe, Uganda on November 1-2, followed by the Program Reviews for Ethiopia and Uganda on November 3-5. Both review meetings are being co-sponsored by the World Health Organization and The Carter Center.

IN BRIEF:



Ghana. The Rotary Clubs of Accra Airport; Fresno, California; and Northfleet, United Kingdom have sponsored water purification facilities for two at risk communities (Datoyili, population 4,800 in Tamale District, and Diare, population 19,523 in Savelugu-Nanton District) in the Northern Region. During January-August 2004 a total of 30 cases of dracunculiasis were reported from Datoyili, and 165 cases from Diare. The value of the donation is approximately \$28,000.

RECENT PUBLICATIONS

CDC (2004). Toward global eradication of dracunculiasis, 2002-2003. *Morbidity and Mortality Weekly Report*, 53(37) 871-2.

*Inclusion of information in the Guinea Worm Wrap-Up does not
constitute "publication" of that information.
In memory of BOB KAISER.*

For information about the GW Wrap-Up, contact Dr. James H. Maguire, Director, WHO Collaborating Center for Research, Training, and Eradication of Dracunculiasis, NCID, Centers for Disease Control and Prevention, F-22, 4770 Buford Highway, NE, Atlanta, GA 30341-3724, U.S.A. FAX: 770-488-7761. The GW Wrap-Up web location is <http://www.cdc.gov/ncidod/dpd/parasites/guineaworm/default.htm>.



CDC is the WHO Collaborating Center for Research, Training, and Eradication of Dracunculiasis.