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

**DEPARTMENT OF HEALTH & HUMAN SERVICES**

Date: June 25, 2007

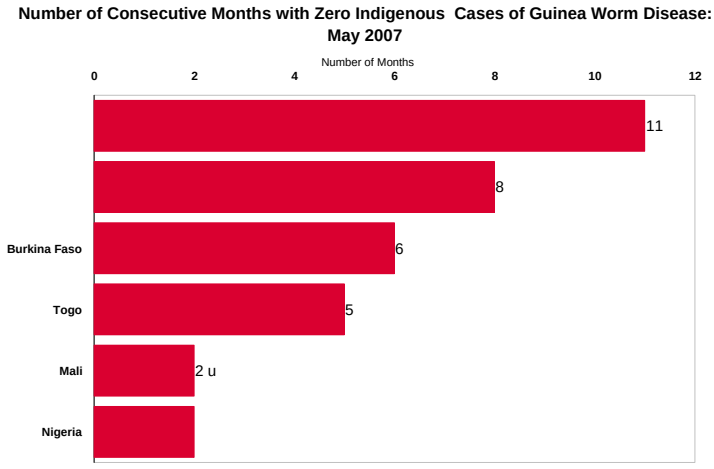
From: WHO Collaborating Center for
Research, Training and Eradication of Dracunculiasis

Subject: GUINEA WORM WRAP-UP #173

To: Addressees

## SHUTTING DOWN THE WORM

Figure 1




Only one indigenous case was reported outside of Sudan and Ghana in the two-month period of April-May 2007 (Table 1), compared to 15

mber of Dracunculiasis cases detected by -78%, from 23 to 5, compared to January-May 2006 (Figures 2 and 3). As of the end of May, four endemic countries have reported five or more consecutive months with zero known indigenous cases (Figure 1). The ten reported exported /imported cases of dracunculiasis so far during 2007 is shown in Table 3, and the line listing of all cases outside Ghana and Sudan is shown in Table 4. As the global campaign aims to end all transmission of Dracunculiasis by the end of 2009, the important role1u9cejETB/TT0 1 T

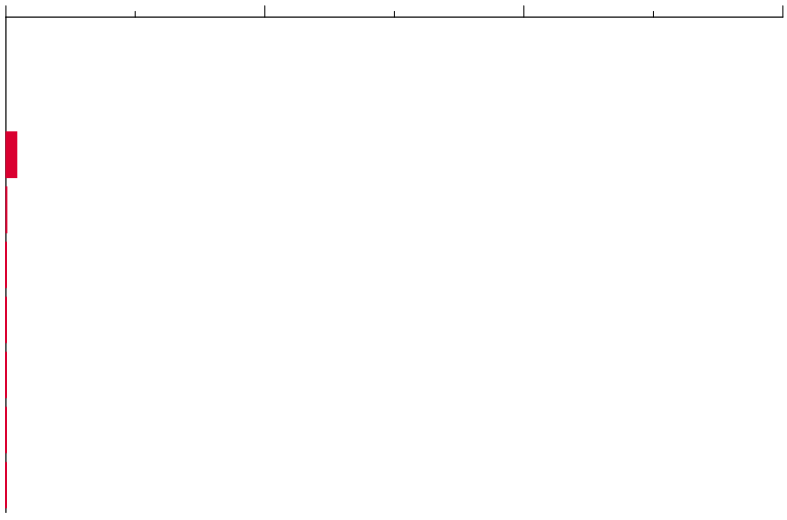
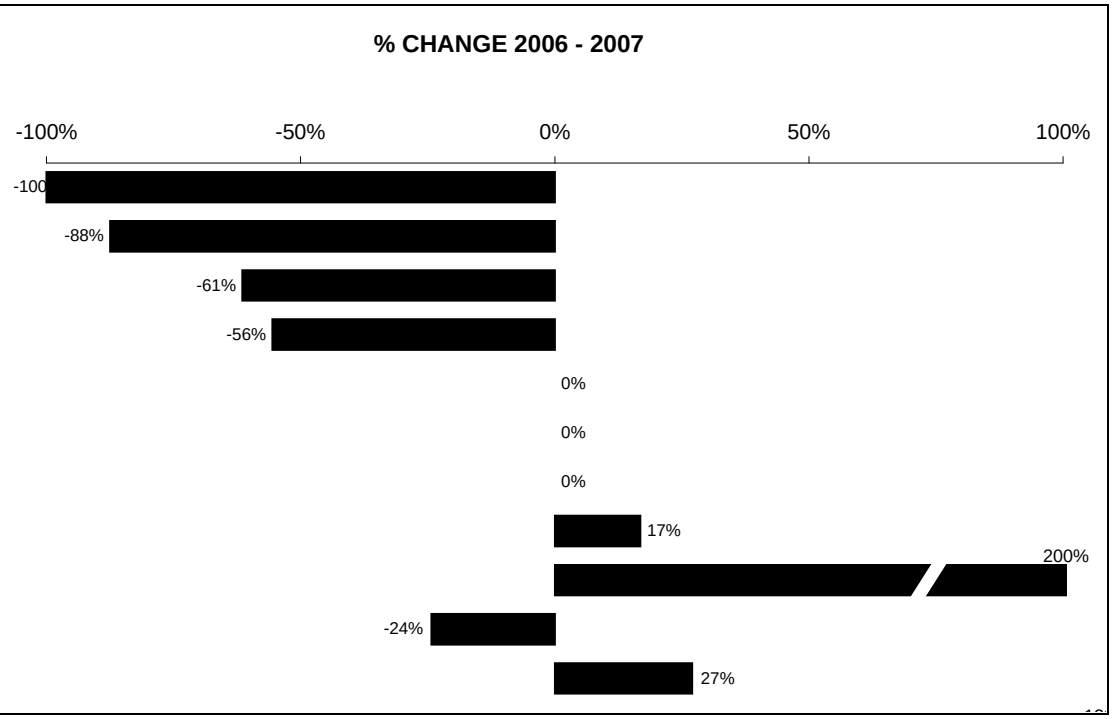


Figure 3

Number of Indigenous Cases Reported During the Specified Period in 2006 and 2007*, and Percent Change in Cases Reported

| Country | Indigenous Cases Reported | |
|---|---|---|
| | 2006 | 2007 |
| Togo (5) | 6 | 0 |
| Mali (5) | 8 | 1 |
| Sudan (4) | 2703 | 1041 |
| Niger (5) | 9 | 4 |
| Ethiopia (5) | 0 | 0 |
| Burkina Faso (5) | 0 | 0 |
| Cote d'Ivoire (5) | 0 | 0 |
| Ghana (5) | 2400 | 2804 |
| Nigeria (5) | 14 | 42 |
| Total | 5140 | 3892 |
| All countries, excluding Sudan and Ghana | 37 | 47 |



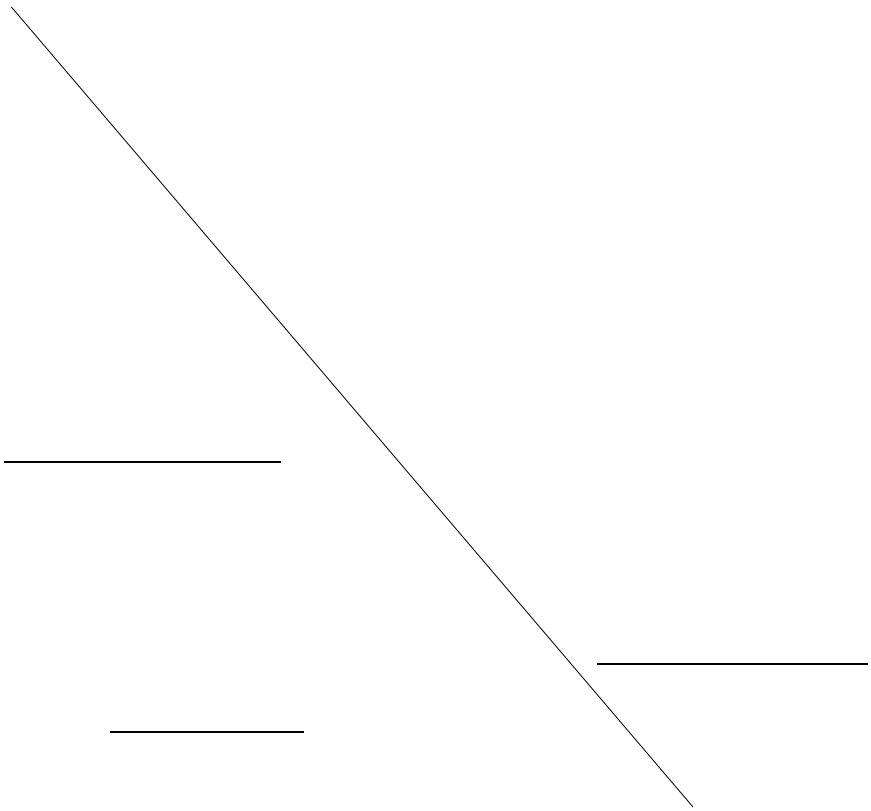

Overall % change outside of Sudan = 17%

(4) Indicates months for which reports were received, i.e., Jan. - Apr.

* Provisional

**GHANA REPORTS FEWER CASES IN APRIL, MAY; PARLIAMENTARY COMMITTEE VISITS PROGRAM IN NORTHERN REGION; MAJOR EUROPEAN-UNICEF WATER PROJECT ANNOUNCED**

For the second consecutive month, Ghana's Guinea Worm Eradication Program reported a reduction in cases in May 2007 (270 cases, which is a reduction



December 2011. The project aims to provide 270 new borehole wells, 80 rehabilitated wells, 20 dug wells, 60 limited mechanized systems, and 30 alternative water supply systems. The project also aims to support construction of 48,000 latrines and improve hygiene behavior, with a focus on hand

Figure 6

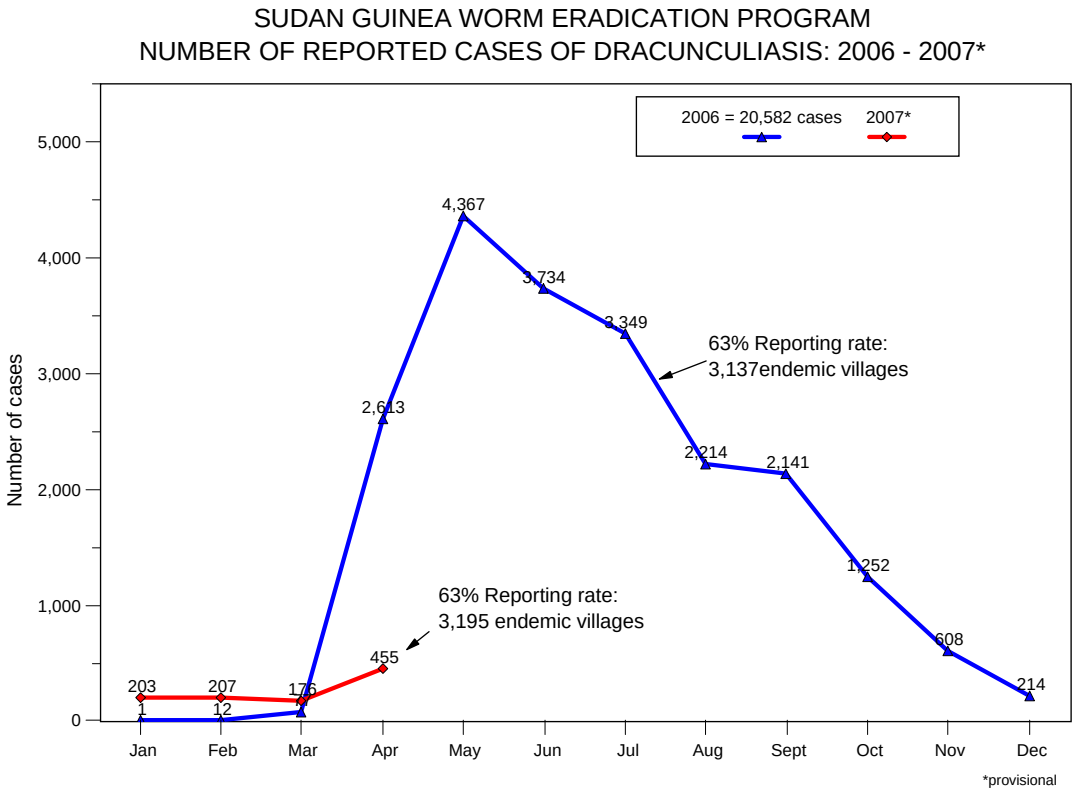



Table 2

**SOUTH SUDAN GUINEA WORM ERADICATION PROGRAM**
**CASES REPORTED IN EASTERN EQUATORIA STATE: JAN -APR 2006 AND JAN - APR 2007***

| State | County | Jan-Apr | | % EV reporting | % change in cases |
|---|---|---|---|---|---|
| | | 06 | 07 | | |
| Eastern Equatoria | Kapoeta North | 2116 | 274 | 80% | -87% |
| | Kapoeta East | 327 | 128 | 72% | -61% |
| | Kapoeta South | 41 | 35 | 88% | -15% |
| | Torit | 0 | 7 | 59% | - |
| | Lafon | 0 | 2 | 75% | - |
| | Budi | 0 | 10 | 75% | - |
| **TOTAL** | | **2484** | **456** | **78%** | **-82%** |

* provisional

**IN BRIEF:2.65 8 T(5)] TETBT/TT1 0/TT1 1 T 85 0 0 1 8568 Td 0.Tw 0.0 0 0 0.972 73 /MCID 4 2 BDC BT/TT1 1 T 85 0 023t76 21 078 T(ma)**

eradication effort, particularly by keeping persons with Guinea worm disease from contaminating sources of drinking water, and by always filtering drinking water.

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Table 4

**List of Guinea Worm Cases and Interventions Against Transmission: 2007 (except Sudan & Ghana) (continued on next page)**

| Case # | Age | Sex | Ethnic Group | Profession | Village | District | Region | Date | | | | Dectected <24 hrs? (Yes / No) | Water Contaminated? (Yes / No) | ABATE Applied? (Yes / No) | Case Contained? (Yes / No) | Admitted to a Case Containment Center? (Yes / No) | Patient had Guinea worm last year? (Yes / No) | Imported Case? (Yes / No) | Probable Origin of Infection (name of village, zone, or country) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Suspect Case Identified | Worm Began to Emerge | Village Volunteer, or Case Containment Center, began to contain case | Case Confirmed by a Supervisor | | | | | | | | |
| **ETHIOPIA** | | | | | | | | | | | | | | | | | | | |
| 1.1 | 35 | M | | Military | Bella Army Hospit | Addis Ababa | Addis Ababa | | 1-Jun-07 | 7-Jun-07 | 8-Jun-07 | No | No | No | No | Yes | No | Yes | Kapoeta (S.Sudan) |
| **COTE D'IVOIRE** | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | |
| **MALI** | | | | | | | | | | | | | | | | | | | |
| 1.1 | 6 | M | | | Tarajaba | Ansongo | Gao | | Mar-07 | Mar-07 | Mar-07 | | | | No | No | No | No | Tarajaba, Ansongo |
| **TOGO** | | | | | | | | | | | | | | | | | | | |
| 1.1 | 14 | F | Kokomba | Housewife | Koufou | Dankpen | Kara | | 21-Feb-07 | 21-Feb-07 | 23-Feb-07 | Yes | Yes | Yes | No | Yes | No | Yes | Ghali (Ghana) |
| 2.1 | 9 | F | Peulh | enfant | Yaka | Doufelgou | Kara | | 10-Apr-07 | 12-Apr-07 | 13-Apr-07 | No | Yes | | | | | | |
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