

ACT TO END NTDS | EAST

Tanzania TAS experience

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TAS 1 : 2016

20 EUS were recommended for TAS1 by RPRG

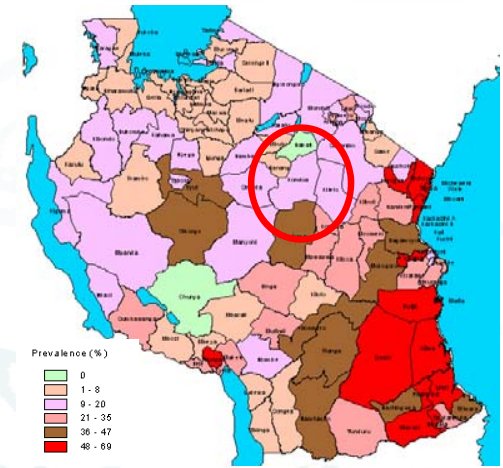
- Completed 5 effective rounds of IVM+ALB MDA
- <2% antigen prevalence in the sentinel and spot check sites

EU formation

- similar LF epidemiology and treatment history

1 out 20 EUs (Kondoa) had “unexpected” results

- Mapping prevalence of 9-20% CFA



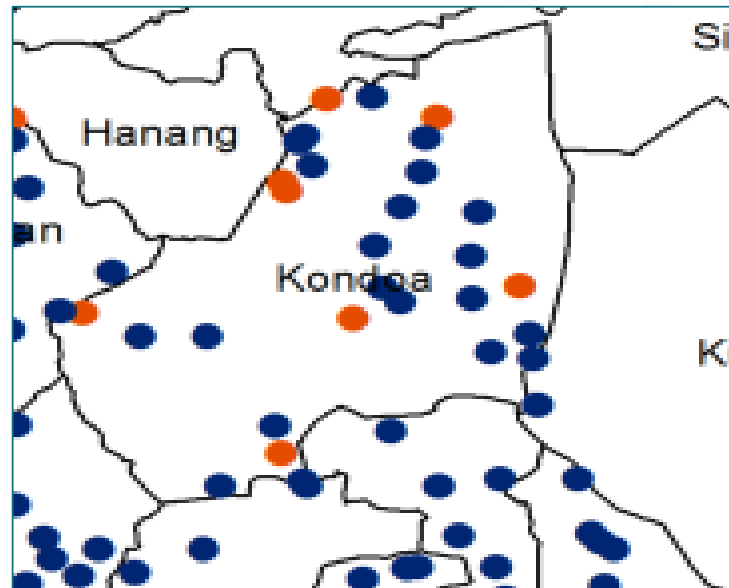
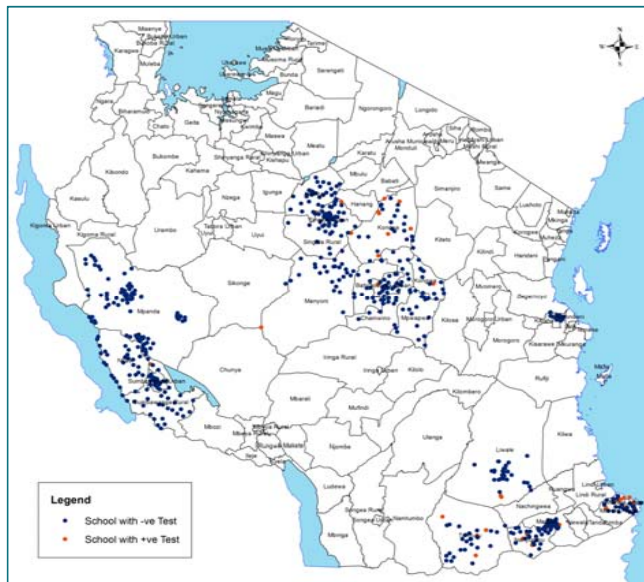
| EU Name | Districts | Registered tests | Tests According to gender (%) | | ICT Positive | Remarks |
|--------------|-----------|------------------|-------------------------------|-------------|--------------|-------------------------|
| Kondoa EU | Chemba | 890 | Male | 425 (47.8) | 4 | 78% of all ICT Positive |
| | | | Females | 465 (52.2) | 3 | |
| | Kondoa | 722 | Male | 339 (47) | 6 | |
| | | | Females | 383 (53) | 12 | |
| Total | | 1612 | | 1612 | 25 | Failed |

Post TAS1 Failure

Programmatic TAS1 Review

- Field re-check of ICTs by Positive control (quality control)
- Re-testing of positive by a different team (all positives were positive once more)

Where are the positive coming from?



- **Clustering of positives in certain schools**
- **Is there an underlying cause?**

Re TAS1: 2018

Additional MDA Rounds

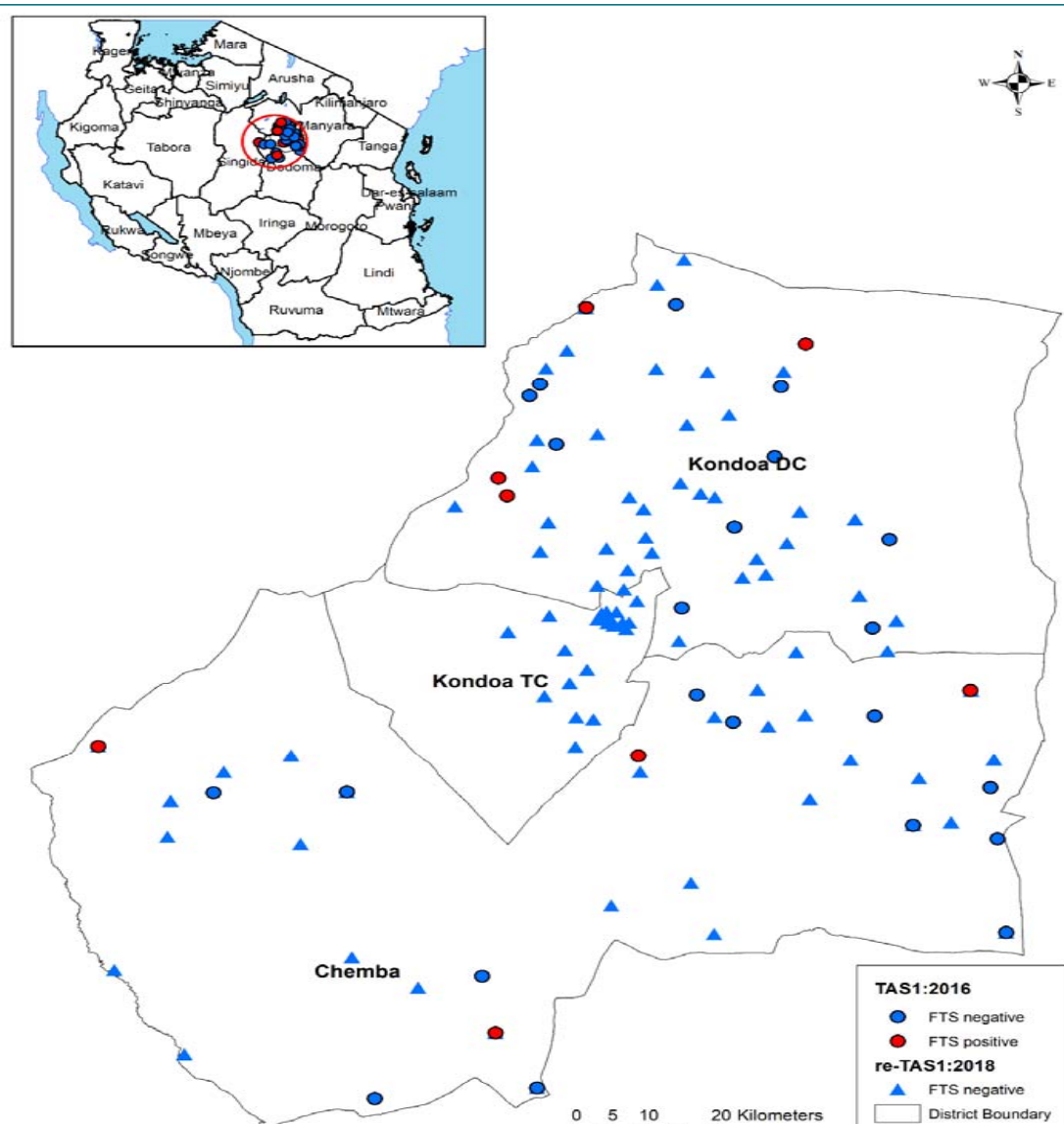
- Targeted MDA campaigns
- Effective coverage
- Pre-re-TAS- 1 sentinel site-, & 1 new spot check site

Re-TAS 1 preparation and Results

| EU # | EU Name | Target Sample Size | Number of Samples Collected | Critical cut off | Number of positive results |
|------|-------------------------|--------------------|-----------------------------|------------------|----------------------------|
| 1 | Chemba District Council | 1,556 | 1,645 | 18 | 0 |
| 2 | Kondoa District Council | 1,548 | 1,581 | 18 | 0 |
| 3 | Kondoa Town Council | 750 | 736 | 10 | 0 |

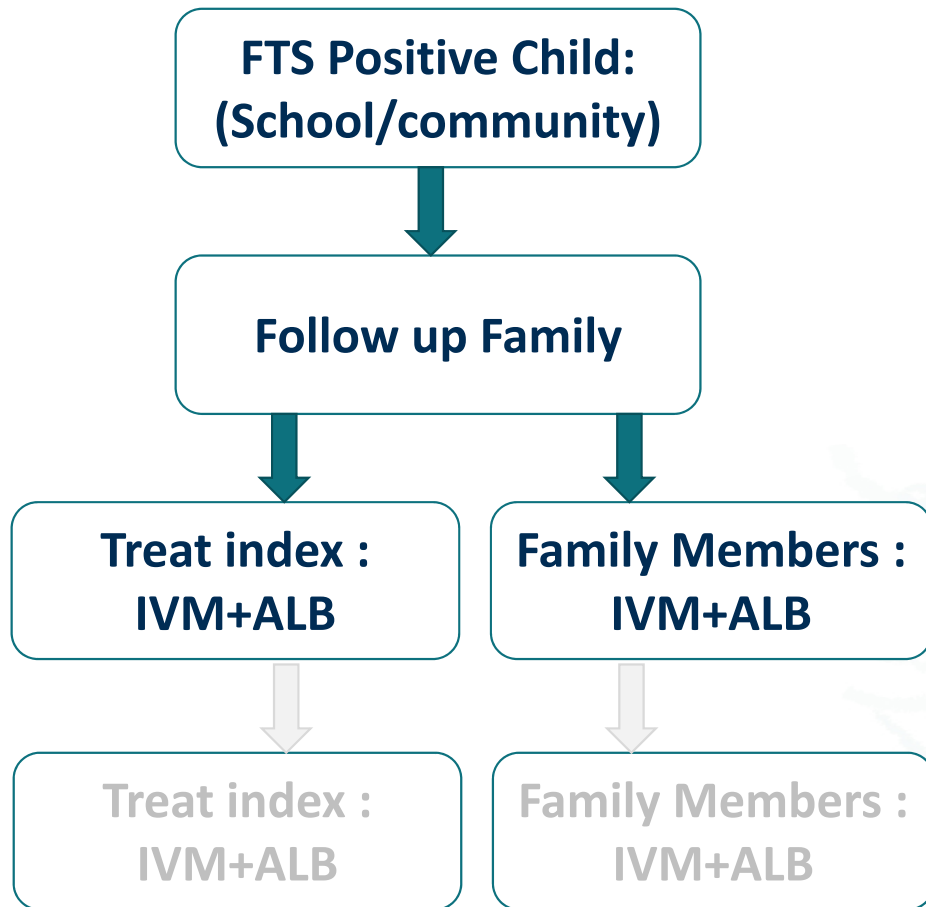
- Stopped MDA 2018
- On post treatment surveillance
- TAS 2: in 2020

TAS 1:2016 vs re-TAS1 2018



- 1 EU vs 3 EUs
- 7 randomly re-selected clusters
- 4 TAS1 positive clusters are negative on re-TAS1
- Passive surveillance

Treating TAS Positives



Treatment administration :

- Survey team is responsible
- Directly Observed Treatment (DOT)
- Treat Index child & family members

Eligibility :

- 5 years and above

Treatment Package

- Ivermectin + Albendazole
- Dose pole required

Follow up treatment:

- 1 year later
- At health facility

During Survey time

1 Year later

TAS Questions

1. **What is the most important criteria for grouping IU's into an EU?**
2. **What is the best size for an EU for TAS?**
3. **How best to investigate possible focal transmission sources?**
4. **How best to treat all possible focal transmission sources?**
5. **For how long should TAS positives be treated?**

Thank You

