

AMP The Alliance for Malaria Prevention

Expanding the ownership and use of mosquito nets

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Context: Burundi is preparing a LLIN mass distribution campaign to an estimated population of 11,649,050 scheduled at this time for mid-July 2017. After quantification for a universal coverage campaign, 6,471,692 LLINs were ordered in mid-October 2016. PNILP (National malaria control Program) and CARITAS Burundi are co-PRs in the management of the Global Fund financed Burundi campaign.

Direct delivery to all 18 provinces should finish in late June 2017. LLINs will then be positioned in 129 warehouses at Commune level till the week before distribution where they will be shipped to an estimated 1,849 Distribution Points.

The macro-positioning plan established the delivery strategy whereby 75 % of the nets were to be delivered from Tanzania directly to the provincial warehouses and 25% to a central storage facility in Bujumbura. Population numbers from the micro-planning exercise with a variance in provincial numbers from 12 to 52 % have justified this approach. If this positioning strategy were to be implemented, all 18 provinces would receive nets from central stock to adjust their supply according to micro-plan population numbers.

The national population total according to the recent micro-planning exercise is estimated at 11,658,400. There are enough nets in country from other sources to cover the needs (5,000 +- LLINs) of this increased population estimate.

Consultants in country: Jean Marc Grégoire from May 18th to 30th, 2017

- Arrived in Burundi afternoon May 18th.
- Meeting with NMCP and Caritas May 19th to receive campaign work documents, review TA needs, and challenges created by the fuel shortages due to importing restraints.

The **priorities of the current mission** are:

- Using micro-planning population data, review and revise, macro transport plans, positioning and storage plans for positioning LLINs from country level delivery to province and commune level;
- Support the development of a sampling and monitoring protocol for real time monitoring of household registration activities by independent monitors to validate coverage and quality of the registration exercise.

Overall campaign planning and implementation:

- Final validation of Micro- plans and their data was completed on May 16th
- Due to shortages and uncertainty as to fuel supply, NGO's and Ministry of Health have to re-assess priorities for which activities can be implemented;
- However provincial level training of facilitators for HH registration and distribution has been implemented.
- Household registration activities originally planned for June 5th to 16th are now for June 26th to July 7th;
- Campaign activities timeline has been reviewed and due to implementation constraints LLIN Distribution could be re-programmed to July 17th or 24th.
- A sampling proposal has been developed for monitoring and referred to AMP monitoring work group for review and validation

Logistics/supply chain:

- Health Minister has requested fuel allocation quotas to Ministry of Energy fuel supply to supervise activities and LLIN transport from Province to local level.
- Bale size (Volume= Length x width x height) on packing list is twice that used for budget calculation.
- Warehouse visit and bale measurement establish volume (m3) at 0,165 and not 0,205 as in pack list.
- Budget calculated on m3 of 0,104. Recent deliveries to other countries have been 0,090 to 0.110 m3.
- Storage capacity plan for central, provincial and Commune facilities has been re-calculated and provincial warehouses can take the increased capacity
- Macro Transport plans have also been re-calculated to Commune level using micro-planning population estimates and increased bale volume.
- Fuel needs for LLIN transport to commune level estimated for contract discussion with transporters. Contracts may be negotiated with LLIN program supplying fuel through government quotas.
- To mitigate the fuel needs for LLIN transport direct delivery to provinces of the 25 % LLIN reserve which was to transit through Bujumbura has been proposed.
- Positioning planning for this is possible because micro-planning population data allow is now available.

The week ahead:

- Finalise the sampling and monitoring protocol to recruit independent monitoring organisation
- Develop the 129 micro transport plans to the distribution points.
- Recruit and document the household registration personnel and prepare for their training.
- Monitor in country LLIN delivery to provincial warehouses
- Initiate assessment of commune level storage capacity