

Against Malaria Foundation

LLIN Distribution Programme – Detailed Information



Summary

# of LLINS	Country	Location	When	By whom
1300	Zambia	Kapiri Mposhi	July 2010	Power of Love Foundation

Further Information

1. Please describe the specific **locations & villages** to receive nets and the number to each? Please provide longitude/latitude information. (Important note: If the distribution is approved, approval will be for the nets to be distribution to these specific locations. Location changes will only be considered, and may be refused, if due to exceptional/unforeseen circumstances.)

The **Republic of Zambia**, lies within the **latitude and longitude** of 15 00 S and 30 00 E and covers a total area of 752,614 square kilometer. Lusaka the capital of Zambia, lies within the latitude and longitude of 15 25 S and 28 17 E.

Insecticide treated Mosquito Nets will be provided to Kapiri-Mposhi in Zambia. Kapiri Mposhi is a small town in Zambia and is located about 185 kms. North of the capital city of Lusaka. It lies within the latitude and longitude of 13 deg 59' S and 28 deg 43' E.

Some of the compounds in Kapiri-Mposhi are: Ndeke, Soweto, Sacramento, Turn-off, Zambia, Kawama, and Matilyo.

We will be providing ITN's to the Ndeke compound in Kapiri-Mposhi. The Ndeke compound has a population of 9360 people and 2722 households. A list of households with sleeping spaces will be compiled in the next 4-6 weeks.

Please see map of Zambia below and the location of Kapiri-Mposhi.



2. Is this an urban or rural area and how many people live in this specific area?

Kapiri-Mposhi is a rural area with a population of about 35,000-38,000.

We will be providing ITN's to the Ndeke compound in Kapiri-Mposhi. The Ndeke compound has a population of 9360 people and 2722 households. A list of households with sleeping spaces will be compiled in the next 4-6 weeks.

3. Is this a high risk malaria area? If yes, why do you designate it as high?

Kapiri Mposhi has a high incidence of Malaria. The people here are at high risk and vulnerable to Malaria because:

- (i) the area is water logged which becomes a good breeding ground for mosquitoes.
- (ii) most of the population here is very poor and cannot afford bed nets, and a high prevalence of HIV makes the population at a higher risk for Malaria as their immune system is compromised.

4. Baseline malaria case information. How many reported cases of malaria and malaria deaths were there in this specific area in the most recent period available? We are looking for data from health clinics in the area. Month by month information is strongly preferred. We are NOT looking for regional level/national level information. Please cite your source. Baseline malaria case information forms the basis of comparison post-distribution.

Reported Cases of Malaria in Kapri-Mposhi from January to Dec 2009

January	1,354
February	2,678
March	2,101
April	3,678
May	951
June	1,390
July	933
August	1,094
September	521
October	1,654
November	2,670
December	1,453
Total	20,477

Source of the data is the Ministry of Health and the data is for Kapiri-Mposhi. Ndeke is an area within the town of Kapiri-Mposhi where distribution will take place.

Based on the reported cases of Malaria in Kapiri-Mposhi, we can estimate that approximately 54-58% of the population was infected by Malaria in 2009. This implies that the population of Kapiri-Mposhi is at a high risk for being infected by Malaria.

Data on Malaria deaths is not available at the Clinic level. However, Dr. Reuben K. Mbewe from the Ministry of Health will be able to provide us with an accurate picture of the incidence of Malaria and Malaria deaths in different parts of Zambia. Dr. Mbewe's contact information is given below in item 8.

The name of the Clinic in Ndeke compound is Ndeke Clinic. The reported number of Malaria cases from this Clinic for 2009 was 2539.

5. Is this distribution of nets 'blanket coverage' of an area/village or to a select/vulnerable group? If the latter, please describe this group.

We plan to provide nets to a subset of the total households in Ndeke compound - this implies that there will be blanket coverage of 2-3 neighborhoods in Ndeke compound.

Before distribution, we will identify sleeping spaces in each household to determine the number of nets to be distributed to each household. One net will be provided for 2 sleeping spaces. This list will be used for distribution of the nets.

6. What is the existing level of ITN use in this area? Are there existing bednet distribution programmes in this area?

At present, the use of Insecticide Treated Nets is not common. Kapiri-Mposhi is a very low income area so that most people cannot afford to buy ITN's due to their high price.

In addition, there is no nets distribution program in Kapiri-Mposhi as the Zambian Government lacks funds to distribute nets on a continuous basis. The local clinics do sell the ITNs at a subsidised price to pregnant women. However, some women cannot afford to buy nets even at a subsidized price and some women deliver at home especially in the rural area of Kapiri-Mposhi.

7. Why was the area/villages chosen for bednet distribution and who made this decision? Please provide the name, position and organisation of the person/s making the decision.

Kapiri-Mposhi was chosen after assessing the incidence of Malaria in this area. Based on an assessment study conducted we discovered that the area selected has a very strong need for bed nets due to the high incidence of Malaria, and lack of programs that distribute free ITN's in this area.

The decision was made by Christopher Mulela, Registered Nurse at the Matero Care Centre, and Felix Mwale, Director of the Matero Care Center. The Matero Care Center is located in the Matero compound in Lusaka, and implements grant activities for the Power of Love Foundation (www.poweroflove.org), a US based charitable organization.

The Matero Care Center is a registered charity under the Republic of Zambia. The Matero Care Center is 100% funded by the Power of Love Foundation and implements all of Power of Love's work in Zambia. The Matero Care Center is located in the Matero compound in Lusaka, Zambia. All the staff from the Matero Care Center are Zambian and are familiar with Kapiri-Mposhi. Over the last 2 years they have made frequent visits to Kapiri-Mposhi to meet with the District Health Officials and community members to assess the need for a bed nets program and a pediatric AIDS clinic in that area.

Contact Information:

Christopher Mulela: Cell: 0977 926442. Email [kris_mule AT yahoo.com](mailto:kris_mule@yahoo.com). P.O Box 330050, Lusaka, Zambia,

Felix Mwale, Cell 0977 339446, Lusaka - Zambia. Email: [fmwale02 AT yahoo.com](mailto:fmwale02@yahoo.com).
P.O Box 330050, Lusaka, Zambia.

8. Have you consulted with the country's National Malaria Programme about this distribution and what was their response? Please provide the name, position and contact details of the person/s with whom you have liaised.

We have had several meetings in person and on the phone with officials from the National Malaria Control Program. The response of these officials was positive and supportive to our inquiries as they would like us to help them prevent Malaria and reduce the spread of Malaria.

We have been in contact with:

Dr Reuben K. Mbewe
Ministry Of Health - Spokesperson
P.O Box 30205, Lusaka, Zambia
Cell: +260 977 / 0955 / 0966 / 823380

9. Please give the name and contact information for the (government) head of the district health management team for the/each area. Please ensure you include contact information.

Doctor Mbewe is the contact person for Kapiri-Mposhi as he is the National spokesperson for the Ministry of Health and has data for all the clinics. Dr. Mbewe will be able to provide any additional information for Kapiri Mposhi.

Contact Information:

Dr Reuben K. Mbewe
Ministry Of Health - Spokesperson
P.O Box 30205
Cell: +260 977 / 0955 / 0966 / 823380
Lusaka - Zambia

In addition, we can contact Mr. Graham Samungole in Lusaka.
Contact Information:
Graham Samungole, District Health Management Team, P.O Box
50827, Lusaka, Cell: 0977 783433, Email: grahamsamungole AT
yahoo.com

10. Please confirm the nets will be distributed free-to-recipients, a requirement for us to fund nets.

The nets will be distributed free of charge to the identified beneficiaries.

11. Please describe all pre-distribution activity, including how the size of the target group and number of nets required will be ascertained and how the local community and leaders will be involved in this phase of the work?

Pre-distribution activity:

1. With the assistance of community leaders and the local Clinic, a list of all households in Ndeke compound of Kapiri-Mposhi will be compiled.
2. Within each household we will determine the number of sleeping spaces/number of people in the household and allocate one net for two sleeping spaces. This list will be used to distribute nets on the day of the distribution. Each recipient will be required to sign/initial/provide a thumb print before receiving the nets.

Distribution Day Activity:

We have been in contact with community leaders and have their support for this program. We will organize a Health Education Day in the Ndeke compound for distribution of nets. The beneficiaries will participate in a half day event that will educate and train them in: (i) prevention of Malaria, and (ii) use and maintenance of nets so as to increase the life of the net.

A similar distribution was conducted by Power of Love in Lusaka in April 2010. For details visit <http://poweroflove.org/project-mosquito-nets-launched-zambia>.

We plan to invite Ministry of Health officials, important local dignitaries, and community leaders to kick off Health Education Day and distribute nets in Kapiri-Mposhi. A large hall will be rented in order to accommodate the beneficiaries and invitees. This will be a important and fun day for all the participants.

From email: we are planning on distributing 1200 nets over a period of 2 days with 600 nets being distributed each day. We have been conducting such distributions for the last 6 years (visit <http://poweroflove.org/health-education-days>), the last one being conducted in Lusaka, Zambia (visit <http://poweroflove.org/project-mosquito-net>) in April 2010, so are confident that we will be able to carry out the education and distribution of nets smoothly. However, since Kapiri-Mposhi is a small place and if we are not able to rent a space big enough to accommodate all the beneficiaries plus organizers at one time we will rent the space for an

additional day. In this case we will distribute the 1200 nets over a period of 3 days with 400 nets being distributed each day.

If we conduct the distribution over 2 days we will ensure that we rent a space big enough to accommodate approximately 1200 plus people over the course of the day (we will stagger the distribution and education activities over the whole day). If we conduct the distribution over a period of 3 days we will rent a space big enough to accommodate approximately 800 plus people over the course of the day (again we will stagger the education and distribution activities over the course of the day). In both cases, beneficiaries will be provided information on prevention of Malaria, and demonstrations/skits on proper use, maintenance and hanging of nets.

12. Please describe how the bednets will be distributed and by whom. Please give detail. Please indicate over what time period (typically, the number of days or weeks) the distribution will occur.

The bed nets will be distributed after the beneficiaries have attended the education and training seminars on prevention of Malaria and proper use and care of nets (see also Q11 above). Each recipient will be required to sign/initial/provide a thumb print before receiving the nets and their names will be checked off on the list of recipients.

Nets will be distributed by Matero Care Centre staff, 2 members from the health neighbourhood committee, and our partners from the community of Ndeke/Kapiri-Mposhi.

We plan on distributing nets over a period of two days.

13. Please describe the malaria education component of the distribution. Please give a detailed answer.

The Malaria education component will include;

- 1) Health education on prevention of Malaria e.g. proper use of mosquito nets, drainage maintenance, filling and removal of breeding sites, treating of mosquito nets.
- 2) Negative impacts of Malaria in pregnancy e.g. maternal death, abortion, still birth and low birth weight.
- 3) Facts about Malaria in immune-compromised children.
- 4) Importance of prevention due to the high risks of death for children under 5 years.
- 5) Identification of signs and symptoms of Malaria.
- 6) Proper use and maintenance of nets.

14. Please confirm: a) you will conduct immediate post-distribution follow-up to assess the level of usage (hang-up %) of the nets; b) this take place within four weeks of the distribution; c) you will provide us with the findings.

We will conduct post distribution follow ups to assess usage of nets within 4 weeks of distribution and findings of the follow up study will be sent.

15. Please confirm you will send a [Post-Distribution Summary](#) when the distribution is complete.**

We will send a post-distribution Summary and report once the distribution has been completed.

16. Please confirm you will send us, post-distribution, at least [60 digital photos per sub-location](#), taken at the distribution/s, to be added to our website as we report on the distribution to donors.**

We will send at least 40 digital pictures taken at the Distribution and Health Education Day event. You can load these pictures on your website for donors to enjoy.

17. Please confirm you will provide at least 15 minutes video footage from each sub-location. It does not need to be 'broadcast' quality and can be taken with a handheld digital video camera.**

We will provide a 5 minute video of the events on Distribution and Health Education Day.

18. Please confirm: you will carry out [longer-term Post-Distribution Reviews \(PDRs\)](#) to assess the level of usage (hang-up %), correct usage and condition of the nets; b) this will take place 6, 18, 30 and 42 months after the distribution of the nets; c) you will provide us with the findings.**

We can carry out a longer term post-distribution review to assess the effectiveness of distribution of nets.

However, we may not be able to get information from all beneficiaries as families constantly move from one area to another and it is difficult to connect with them or to attempt to find their new address in Zambia once they have moved to another area.

We can conduct a post-distribution survey after 6 months. After a period of time longer than 6 months, however, it would be very difficult to do so both due to the costs involved and due to families being not available to answer questions, or having moved to another area.

We can do a PDS after 6, 18 and 30 months. Power of Love will monitor the impact of the distribution at regular intervals (6,18 and 30 months) as our goal is to provide bed nets to Kapiri-Mposhi every year. Also, Power of Love will establish a relationship with the local Clinic and request information from them.

19. Please provide your name, role and organisation and [full contact information](#).

Alka Subramanian, Ph.D - Founder/Director
Power of Love Foundation, 11626 Alderidge Lane, San Diego, CA
92131 E-mail: [alka AT poweroflove.org](mailto:alka@poweroflove.org) Phone: 858-342-5783

I will be happy to answer any questions regarding this proposal.

*Sub-locations are mutually agreed and are typically a portion of the total distribution ie A 20,000 net distribution, for photo and video reporting purposes, might be divided into 5 sub-locations.

**Information on the provision of photos, video, Post-distribution Summary and Post-Distribution Reviews is included in the attached document.