

# AMP The Alliance for Malaria Prevention

Expanding the ownership and use of mosquito nets

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**AMP Conference call minutes:** [www.allianceformalariaprevention.com](http://www.allianceformalariaprevention.com)

13th May 2015

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If you wish to be added to or taken off of this mailing list please contact: [melanie.caruso@ifrc.org](mailto:melanie.caruso@ifrc.org)

Do you have a topic / issue / country specific update to share with the AMP partnership? Send a summary of the topic you would like to discuss to: [jason.peat@ifrc.org](mailto:jason.peat@ifrc.org) or [melanie.caruso@ifrc.org](mailto:melanie.caruso@ifrc.org) and we will schedule your update at the start of an upcoming AMP conference call.

## **Agenda – May 13<sup>th</sup> AMP conference call:**

Chair: David Gittelman  
Rapporteur: Melanie Caruso

- Introductions
- Review and approval of minutes from last week's AMP conference call
- Liberia update
- Nigeria update
- Country updates
- Working group updates
- AoB

Next conference call: Wednesday, 20<sup>th</sup> May 2015 10:00 EDT, 14:00 GMT / UTC, 16:00 CET

## **Participants:**

AMP participants:	Melanie Caruso, Dorothy Onyango, Jeronimo Zandamela, Alain Daudrumez, Akko Eleveld
BASF:	Alex Heimsch
Bayer Environmental Science:	
Bestnet:	
Buy a Net:	
CDC / PMI:	
CRS:	
Disease Control Technologies:	
E3Resources:	
Global Health Partners:	Doreen Weatherby
IFRC:	Marcy Erskine
Independent participants:	
Intelligent Insect Control:	
IPHA:	
JC Flowers Foundation:	
JHU Centre for Communications:	
MCDI:	



For additional information:

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Nets for Life: Samuel Asiedu  
 PLAN Canada: Bernabe Yameogo  
 PSI: Cedric Mingat  
 Rotarians Action Group on Malaria: Drake Zimmerman  
 RTI:  
 Tana Netting:  
 Tony Blair Faith Foundation  
 UNICEF:  
 UN Foundation:  
 USAID / PMI:  
 VF: Naomi Bohn  
 WHO: Sylvester Maleghemi, Stefan Hoyer  
 World Vision:

**General updates:**

- None

**AMP working group updates:**

**Country support working group:**

Chair: Marcy Erskine IFRC – [marcy.erskine@ifrc.org](mailto:marcy.erskine@ifrc.org)

Current AMP TA missions:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Liberia	Implementation	AMP OGAC / VectorWorks	February – May 2015
	Logistics	AMP OGAC	March-May 2015
Nigeria	Pilot CMA	AMP OGAC	April-May 2015

Planned AMP TA missions 2015:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Equatorial Guinea	BCC/Communications M&E	AMP/MCDI	TBD
Malawi	Implementation Remote support	AMP	TBD Ongoing
Pakistan	Remote support	AMP	N/A
Sudan	Remote support on M&E BCC/Communications	AMP AMP	Ongoing TBC

Completed AMP TA support (distance and in-country) in 2015:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Angola	1 x Communications	AMP OGAC	February/March

	Distance support 1 x Communications Distance support	AMP OGAC AMP OGAC AMP OGAC	2015 April/May 2015
<b>Cameroun</b>	3 x Microplanning	AMP OGAC	March - April 2015
<b>Ghana</b>	Communications	Distance support	April 2015
<b>Malawi</b>	Implementation Remote support	AMP OGAC	February 2015 March-May 2015
<b>Nigeria</b>	2 x Commodity Management Assessment	AMP OGAC	March 2015
<b>Sudan</b>	M&E (LLIN tracking system)	AMP OGAC + Distance support from MORE	March – April 2015
<b>Total # of countries supported by AMP in 2015 (distance and in-county) :</b>		<b>6</b>	

**Emerging issues working group:**

**Co-chairs:** Megan Fotheringham – USAID/PMI [mfotheringham@usaid.gov](mailto:mfotheringham@usaid.gov) ; Caroline Desrousseaux VF - [cde@vestergaard.com](mailto:cde@vestergaard.com))

- A discussion on ITN preferences and how/whether that influences use will be held on May 28<sup>th</sup> at 10.00 am EST / 4.00 pm CET
- Caroline Desrousseaux (VF) is the new co-chair of the EIWG

**Monitoring, Operational Research, and Evaluation (MORE) working group:**

**Co-chairs:** (David Gittelman - CDC/PMI [dmg1@cdc.gov](mailto:dmg1@cdc.gov) and Elizabeth Ivanovich UNF - [eivanovich@unfoundation.org](mailto:eivanovich@unfoundation.org) ; Mame Birame – USAID/PMI Senegal [mdbioug@usaid.gov](mailto:mdbioug@usaid.gov); and Sylvester Maleghemi – WHO, Nigeria [tojumaleghemi@yahoo.co.uk](mailto:tojumaleghemi@yahoo.co.uk))

- No update

**Net mapping project working group:**

**Chair:** John Milliner – Milliner Global Associates [jemilliner@gmail.com](mailto:jemilliner@gmail.com)

Below is a web link to the IR Mapper. This is the group that the Net Mapping Project is working with to develop LLIN distribution maps. The LLIN maps are not ready yet, but this link takes you to the IR Mapper website that presents the current situation with regard to insecticide resistance. It is continually being updated and is a valuable asset in understanding what resistance is and where it is occurring. Information on the website can be accessed either through published resistance articles or through interactive maps.

[www.irmapper.com](http://www.irmapper.com)

**Toolkit working group:**

**Co-chairs:** Hannah Koenker – JHU [hkoenker@jhuccp.org](mailto:hkoenker@jhuccp.org) ; Jessica Rockwood – IPHA [jessicarockwood@verizon.net](mailto:jessicarockwood@verizon.net); Marcy Erskine IFRC – [marcy.erskine@ifrc.org](mailto:marcy.erskine@ifrc.org)

- Project of toolkit revision on hold until Q3 2015
- Website version 2.0 is in progress

**AMP ‘ACTIVE COUNTRIES’**

Countries where AMP is currently providing technical assistance via in-country missions or distance support.

**AMP 'Active Countries' updates provided on May 13th AMP call: CAR, Liberia, Malawi, Nigeria**

**Angola:**

Population at risk of malaria in Angola :		19,600,000 (World Malaria Report, 2012)					
Required LLINs :		10,888,888					
LLINs imported into the country three years prior to update :		4,850,646 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	Phased approach by province – 1LLIN/2 people - 2013	11,700,000	7,484,312	3,669,125		Implementation , Logistics	03.04.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>11,700,000</b>	<b>7,484,312</b>	<b>3,669,125</b>			<b>N/A</b>

**Ongoing issues:**

- AMP TA provider assisting the NMCP on their communications strategy has left the country but will continue support at a distance.

**Cameroun:**

Population at risk of malaria in Cameroun :		22,250,000 (World Malaria Report, 2014)					
Required LLINs :		12,361,111					
LLINs imported into the country three years prior to update :		1,537,744 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	UC March 2015	12,322,059	12,322,059 (GF)	0		Implementation and Logistics	24.03.2015
ANC							
EPI							
<b>Totals</b>		<b>12,322,059</b>	<b>12,322,059</b>	<b>0</b>			

**Ongoing issues:**

- Planning a nationwide universal coverage LLIN distribution campaign of 12,322,059 LLINs in 2015 for an estimated 22,179,707 population in 10 regions, 189 districts, and 1749 Health Service areas.
- The Global Fund is financing the purchase and distribution costs for 9 regions and the Cameroon government the LLIN purchase and distribution costs for the Central region (Yaoundé).

- The 2015 campaign is planned in 3 phases with staggered arrival of LLINs in country, direct delivery to the capitals of the administrative regions, and planned consequent distributions in the regions
- AMP is recommending a delay in distribution because of late arrival of LLINs to port in Douala
- Distribution in 2 regions have planned in June, and then other 6 regions from October to December
- End of June distribution may not be realisable because of delays and communication campaign has yet to start with pre-testing of radio and media material
- Another challenge to current timelines are the amount of trainings to be done in such a short amount of time. Training of HH registration means 29 training session over a 5 day period – organisational challenge to get money out in time for these to be implemented.
- Also challenging is the short period of time allocated for positioning of nets from arrival in port of Douala to distribution point. Although transport companies may say they can do it, it is thought it will take a couple more weeks
- Final mission report should be circulated next week after approval
- NMCP is looking at AMP to provide TA after phase 1 of the campaign as country is preoccupied with problems of traceability following the 2011 campaign. Probably sometime end of July/early August for a lessons learned evaluation session and commodity management audit.

**Central African Republic (C.A.R.):**

<b>Population at risk of malaria in CAR :</b>				4,490,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				2,494,445			
<b>LLINs imported into the country three years prior to update :</b>				162,870 (AMP Net Mapping Project)			
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	2014 phase 2 rolling distribution according to security situation	2.2 million	2.2 million GF R8 phase 2	0		Micro planning	30.04.2014
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>2.2 million</b>	<b>2.2 million</b>	<b>0</b>			<b>N/A</b>

**Update on May 13th AMP conference call:**

- Distribution is finishing off in the 7 districts that are currently rolling out activities – 600,000 LLINs
- Rainy season started in full and creating logistical problems as the distribution is a bit late
- Last 11 districts that will be doing a mass campaign still to be rolled out
- By end of June should be down to 100,000 nets to still be distributed

**Liberia:**

<b>Population at risk of malaria in Liberia :</b>				4,130,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				2,294,444			
<b>LLINs imported into the country three years prior to update :</b>				2,896,136 (AMP Net Mapping Project)			
Distribution channel	Scale of distribution	# LLINs needed per	# LLINs available per	LLIN gap per distributio	Budget gap per distributio	Technical assistance requested with	Date of most recent

		distributio n channel	distributio n channel	n channel	n channel	date per distribution channel	update
<b>Mass distributio n</b>	Planned country wide mass distribution (last quarter of 2014)	2,195,796	<b>1,159,089</b> GF <b>289,280</b> surplus from routine LLINs	169,726		Logistics and Implementatio n TA	09.10.1 3
<b>ANC</b>			<b>577,700</b> USAID-PMI				
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>2,195,796</b>	<b>2,026,069</b>	<b>169,726</b>			<b>N/A</b>

**Update on May 13th AMP conference call:**

- 2 AMP TA providers are currently in Liberia providing support in the lead up to the campaign
- Liberia was declared Ebola free by WHO with much relief and jubilation. There will still be a heightened level of vigilance given that the Sierra Leone and Guinea are still reporting new cases.
- Printing of logistics trucking tools was completed. Printing of data collection that was lagging behind and affecting the distribution has improved a lot and the materials are being sent to the SRs
- It is now raining heavily in the whole country including Monrovia and this is one of the reasons why the prepositioning at district and community level was seriously affected
- All nets have been received at all districts.
- The distribution has started and is ongoing in several districts. It is a matter of concern that the distribution could not take place simultaneously in all the districts as planned.
- More information on individual districts distribution activities and progress available in this week's sitrep attached to the minutes
- During the distributions in Greater Monrovia, there were reported some challenges on IEC/BCC coverage. Some beneficiaries do not have clear understanding on the campaign strategy and a campaign supervisor was assaulted in the field and injured quite seriously.
- Mass SMS: There is a plan for a mass SMS messaging to mitigate some of the communications challenges
- Challenges:
- Work stream sub-committees are non-existent. There is no work stream level coordination
- The IEC is non-existent in Monrovia City. The TAs has advised the use of mobile microphones or radio stations with better coverage.
- The implementation teams have failed to commence distribution simultaneously in the whole district so the beneficiaries have learned how to get more nets by exaggerating household numbers or rubbing off the chalk marks. Teams end up covering the same houses over and over again or meeting the same individuals in other buildings.
- The strategy is still as if there is an Ebola outbreak. Without a way to verify the veracity of the information being provided, there is wastage
- Beneficiaries have been reported to be cutting up nets and using them as bathing loofahs.
- The EPI campaign is actually interfering with the LLIN campaign and CHT seems unable to multitask. The Program Manager will intervene with the CHOs who are resisting the implementation of the LLIN campaign within the given timelines.

**Malawi:**

<b>Population at risk of malaria in Malawi :</b>		15,400,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		8,555,556					
<b>LLINs imported into the country three years prior to update :</b>		9,040,385 (AMP Net Mapping Project)					
<b>Distribution</b>	<b>Scale of</b>	<b># LLINs</b>	<b># LLINs</b>	<b>LLIN gap</b>	<b>Budget gap</b>	<b>Technical</b>	<b>Date of</b>

channel	distribution	needed per distribution channel	available per distribution channel	per distribution channel	per distribution channel	assistance requested with date per distribution channel	most recent update
Mass distribution	Need to fill remaining gap from 2012 mass distribution	800,000					10.04.13
ANC							
EPI							
Totals	N/A	800,000					N/A

**Update on May 13th AMP conference call:**

- AMP is providing ongoing distance support to the campaign planning
- Weekly calls are taking place between AMP and the Malawi team
- Follow up mission is planned but has been delayed as activities are late.

**Ongoing issues:**

- Most recently, in December 2014, **1,158,968** LLINs were distributed in the first phase of the current national campaign. Six districts (Nkhotakhota, Mchinji, Likoma, Mwanza, Neno, and Phalombe) were targeted in this mini-campaign based on the time elapsed since they were covered under previous campaigns.
- The second phase of the national campaign includes the coverage of four districts by Concern Universal with support from the Against Malaria Foundation. In September-October 2014, Dedza district received 245,489 nets out the 280,057 required to achieve universal coverage. The procurement of remaining nets is ongoing and a mop-up distribution will take place in the coming months. Dowa district is now in the process of registration, verification and data entry phase and the distribution is expected to start in March 2015. For Balaka and Ntcheu districts, distribution is scheduled for mid-2015 (June/August) to reconcile with the main campaign phase.
- The main campaign will be carried out in all districts not covered during the mini-campaign or under Concern districts. Therefore the main campaign will cover a total of 19 districts using the phased approach by zone. For the purpose of this approach, three zones have been identified based on regional demarcation. Due to different weather patterns, the actual distribution exercise will be conducted in three months starting with the southern zone, then central and finally the Northern zone.
- An implementation strategy for the main campaign was developed and submitted to GF in March 2015:
  - o 19 districts will be covered in 3 phases: zone 1 (south zone), zone 2 (Central zone) and zone 3: North zone);
  - o Sleeping spaces will be used to determine the number of nets the household is expected to receive during the main campaign.
  - o A road map for the main campaign was developed and submitted to GF in March and updated, in April, based on the progress of the implementation campaign .
  - o Micro-planning templates was reviewed and finalised and ToT done at national level.
  - o After receiving the statement of requirements from the National Malaria Control Programme (NMCP), the Procurement Unit of the MoH invited seven firms to submit bids on 3rd December 2014. The bid opening ceremony was held on 23rd December 2014. Three proposals have been submitted on time while one was rejected due to late submission.



- o The bid evaluation report was sent to The Global Fund for their endorsement after which it was sent to Office of Director of Public Procurement (ODPP) where the evaluation report was approved by ODPP in April.
- o G4S is in charge of disbursement of funds during the mass campaign

**Nigeria:**

<b>Population at risk of malaria in Nigeria :</b>				<i>162,000,000 (World Malaria Report 2012)</i>			
<b>Required LLINs :</b>				<i>90,000,000</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>37,915,945 (AMP Net Mapping Project)</i>			
<b>Distribution channel</b>	<b>Scale of distribution</b>	<b># LLINs needed per distribution channel</b>	<b># LLINs available per distribution channel</b>	<b>LLIN gap per distribution channel</b>	<b>Budget gap per distribution channel</b>	<b>Technical assistance requested with date per distribution channel</b>	<b>Date of most recent update</b>
<b>Mass distribution</b>	UC - 2 LLIN/HH rolling state by state countrywide )started in May 2009 – completed in May 2013)	64,064,949	57,773,191 distributed from 2009 to 2013 (90.2% of the total National target.)	4,442,853	Operational costs for 27 million LLINs		04.09.13
<b>ANC</b>			33 million nets available for routine distribution in 2013				
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>72 million</b>	<b>51,703,880</b>	<b>4,442,853</b>			<b>N/A</b>

**Update on May 13th AMP conference call:**

- CMA mission is ongoing in Nigeria
- Following the national mass LLIN campaigns in all 36 states in Nigeria between 2008 and 2013, the country recently finished the first part of replacement campaigns in 18 states, with close to 50 million nets distributed
- Commodity Management Audits (CMAs) have been adopted into the revised Nigeria LLIN campaign guidelines, making it an integral and critical part of the LLIN replacement campaigns
- A first AMP mission in March 2015 saw the development of a series of CMA tools and the capacity building of a national CMA core team that will be accompanying contracted firms during the CMA implementation in 18 states
- Objective on the second AMP mission: 1) Pilot, field test, fine-tune and finalize the developed CMA tools in the first of the 18 replacement campaign states; 2) Based on the finalized tools, conclude the CMA reporting format and orientation package
- All CMA tools were reviewed and pre-populated by the national CMA core team and consultants prior departure to the field;



- Nasarawa state was selected as the pilot state with 5 LGAs and 12 Distribution Points (DPs) per LGA randomly selected;
- CMA field testing activities were concluded at Nasarawa State and the five sampled LGAs: Keffi, Karu, Akwanga and Nasarawa Egon;
- CMA core team and consultants held a two day debrief sessions to share and document lessons learned and adapt CMA materials and planning for the future accordingly;
- All supporting documentation has been scanned for naming and filing;
- Despite some initial set-backs in bringing all the data together in a quality CMA report for Nasarawa, progress has been made in the design.
- This work on CMA should be presented at next year's AMP partners' meeting

**Sudan:**

<b>Population at risk of malaria in Sudan :</b>				<i>37,970,000 (World Malaria Report, 2014)</i>			
<b>Required LLINs :</b>				<i>21,094,444</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>9,040,385 (AMP Net Mapping Project)</i>			
<b>Distribution channel</b>	<b>Scale of distribution</b>	<b># LLINs needed per distribution channel</b>	<b># LLINs available per distribution channel</b>	<b>LLIN gap per distribution channel</b>	<b>Budget gap per distribution channel</b>	<b>Technical assistance requested with date per distribution channel</b>	<b>Date of most recent update</b>
<b>Mass distribution</b>			4,262,414 (for 12 states)			M&E	11.03.2015
<b>ANC</b>			122,000				
<b>EPI</b>							
<b>Totals</b>							

**Ongoing issues:**

- For further details or to offer suggestions, please contact Jenny Cervinkas at the following address: [jcervinkas@sympatico.ca](mailto:jcervinkas@sympatico.ca)
- Need to finalize the zero draft document "Sudan LLIN Tracking System" to the extent possible, taking into account feedback given at the partners' meeting.
- Sudan has distributed over 12 million LLINs since 2010. Current policy is to use LLINs with a period of time from distribution to the need for a new campaign to be three years.
- The last MIS was done in 2012, and the next one is scheduled for late 2015 (rainy season is from June to November).
- The results from the 2012 MIS showed that the % households with at least one LLIN was 62%; % population slept under an LLN was 14%; under-fives slept under a LLIN was 20%; % pregnant women slept under an LLIN was 13%. The survey found that a main barrier to using LLINs was the lack of availability of LLINs, and that there was a high proportion of households that had nets that were older than 3 years.
- In 2015, 4,262,414 LLINs will be distributed to the twelve target states plus peri-urban Khartoum
- A round of distribution has already taken place in the five states of Greater Darfur (January and February-1.5 million nets) and the mass campaign to distribute 2.7 million nets will take place in June in those states that received LLINs in 2012.
- It is expected that 122,000 LLINs will be available for routine distribution through the health system.

- NMCP is interested to know more about the durability of LLINs and wants to study this under operational conditions found in the country. Questions of interest include: What happens to the LLINs received by the HHs from a campaign? How many are retained in the households? What are the reasons for net loss? What is the condition of the nets over time?

### WEST AFRICA REGIONAL NETWORK

WARN countries where update provided listed below. NB: This does not include all WARN countries.

### WARN country updates provided on May 13th AMP call: None

#### Benin:

<b>Population at risk of malaria in Benin</b>		10,328,934 (2014 population)					
<b>Required LLINs :</b>		5,738,297					
<b>LLINs imported into the country three years prior to update :</b>		4,845,882 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	National universal coverage replacement campaign	5,738,297	6,050,272 (GF 5.245.272, USAID 280.000)	0		Logistics and longer term coordination	16.07.14
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>5,738,297</b>	<b>6,050,272</b>	<b>0</b>			<b>N/A</b>

#### Ongoing issues:

- Follow up on rapid assessment issue from AMP MORE working group will be conducted

#### Gambia:

<b>Population at risk of malaria in Gambia:</b>		1,780,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		988,889					
<b>LLINs imported into the country three years prior to update :</b>		1,181,386 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	2014 replacement campaign		746,000				30.04.14
ANC							
EPI							

<b>Totals</b>	<b>N/A</b>		<b>746,000</b>				<b>N/A</b>
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**Ongoing issues:**

- None

**Ghana:**

<b>Population at risk of malaria in Ghana :</b>			<i>25,000,000 (World Malaria Report, 2012)</i>				
<b>Required LLINs :</b>			<i>13,888,888</i>				
<b>LLINs imported into the country three years prior to update :</b>			<i>15,780,153 (AMP Net Mapping Project)</i>				
<b>Distribution channel</b>	<b>Scale of distribution</b>	<b># LLINs needed per distribution channel</b>	<b># LLINs available per distribution channel</b>	<b>LLIN gap per distribution channel</b>	<b>Budget gap per distribution channel</b>	<b>Technical assistance requested with date per distribution channel</b>	<b>Date of most recent update</b>
<b>Mass distribution</b>	<i>Door-to-door stand alone hang up campaigns completed in 2012</i>	<i>13 million</i>		<i>0</i>			<i>03.04.13</i>
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>13 million</b>		<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- The Global Fund FPM is currently in country to negotiate with the NMCP its budget to support a national LLIN campaign with TV / Radio spots to support usage of LLINs
- Greg Pirio, AMP TA provider, has reviewed the TV and radio expenses and did some Internet research on audience size and will provide recommendations at a distance to support this work – input into costing strategy and cost benefit analysis
- Net distribution – Nets for Life is joining the NMCP for mass distribution of 1.5 million nets in the Eastern region.
- It's going to be a point distribution. Initial distribution during the last campaign was house to house, but with high levels of use and limited resources, it has been decided to go ahead with coupling the LLIN distribution to the planned immunisation campaigns
- Coupon distribution will be linked to immunisation campaign – universal coverage campaign 1 net to 1.8
- Malaria Journal paper just published on the cost effectiveness evaluation of the Ghana Hang-Up Campaign. Simple economic modelling was used to investigate the added costs and benefits of hang-up activities as part of a universal LLIN campaign and found that in the case of Ghana, hang-up activities were estimated to be net saving if hang-up increased LLIN use by 10% or more.
- The paper can be accessed with this link: <http://www.malariajournal.com/content/13/1/71>
- Will be topic of discussion on an upcoming AMP call
- School distribution nationwide happening last week of March and 1<sup>st</sup> week of April
- Nets have arrived and stocked at medical stores
- Nationwide distribution is not being evaluated stand alone, will be part of next MIS

**Guinea**

<b>Population at risk of malaria in Guinea :</b>	<i>12,132,795 (PMI, 2015)</i>
<b>Required LLINs :</b>	<i>6,949,395 (2016)</i>

LLINs imported into the country three years prior to update : <i>3,502,437 (AMP Net Mapping Project)</i>							
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	2016	6,949,395 (2016)	0	0			17.02.15
Continuous distribution	Under Round10 following mass distribution	949,391	347,000				
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>7,898,786</b>	<b>347,000</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- Have not heard anything about MIS or post campaign follow up evaluation. AMP MORE group will follow up to see what the country's plans are.
- All nets in the 14 prefectures supported by PMI have started distributing nets in health facilities through EPI and ANC on December 29<sup>th</sup> 2014.
- The CDC Foundation is funding routine distribution of the GF nets, in the context of broader Ebola response.
- Latest data on routine distribution should be presented at the AMP meeting to see how it's going on a process level and if there is an impact on increasing attendance to clinics for malaria.
- It is hoped to get people to increase their confidence in coming back to health centres in the light of the Ebola epidemic
- Seeing some differences in numbers of people presenting for ANC and EPI but data will confirm this for solid comparison
- Health facility staff interviewed believe it is making a difference

**Mali:**

Population at risk of malaria in Mali : <i>15,880,000 (World Malaria Report, 2012)</i>							
Required LLINs : <i>8,822,222</i>							
LLINs imported into the country three years prior to update : <i>5,888,050 (AMP Net Mapping Project)</i>							
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	Roll out by region – UC 1 LLIN/2 people 2012	8.67 million	4.5 million	4,473,801	7,981,194\$		03.04.13

Continuous distribution				695,126			
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>8.67 million</b>	<b>4.5 million</b>	<b>5,168,927</b>	<b>7,981,194</b>		<b>N/A</b>

**Ongoing issues:**

- Completing their campaign in Kai region
- PSI was implementing the campaign
- Networks did process evaluation in April
- Delays in getting nets all the way out there: reasons include - registration time was not sufficient; people were not registered; people said they were tired with registration processes; standard problems of transport and deciding who funds what pieces; challenges in prepositioning.
- Waiting for final distribution figures after April distribution before report is finalised
- Initial coverage was low as hadn't had a campaign in the last 3 years
- Looking at a total admin coverage after first phase at around 77%

**Niger:**

<b>Population at risk of malaria in Niger :</b>				<i>16,080,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>8,933,334</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>1,266,562 (AMP Net Mapping Project)</i>			
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
<b>Mass distribution</b>	June 2014 – Dosso  April 2015: Southern regions		1.6 million  6.4 million			Support to NFM proposal	23.07.14
<b>ANC</b>							
<b>EPI</b>	Routine distribution through EPI clinics						
<b>Totals</b>	<b>N/A</b>		<b>TBC</b>				<b>N/A</b>

**Ongoing issues:**

- Team working on the net campaign scheduled to start May 16<sup>th</sup>
- All nets dispatched to secondary stores
- Dispatch to final distribution points will occur in next 2 weeks
- All media activities are ongoing

**Sierra Leone:**

<b>Population at risk of malaria in Sierra Leone :</b>	<i>6,000,000 (World Malaria Report, 2012)</i>
<b>Required LLINs :</b>	<i>3,333,334</i>

LLINs imported into the country three years prior to update : <i>4,195,850 (AMP Net Mapping Project)</i>							
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	UC door to door integrated with VitA and deworming – June 2014	3,439,044	3.523.873	None		Implementation , Logistics, RM	21.05.14
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>3,439,044</b>	<b>3.523.873</b>	<b>None</b>			<b>N/A</b>

**Ongoing issues:**

- Distribution of 3.5 million nets is completed and took place from June 5<sup>th</sup> to June 15<sup>th</sup>
- Final report is available
- Hang up campaign planned week of July 1<sup>st</sup>
- Ongoing Ebola outbreak may cause some disruptions to the post-campaign activities – need to track challenges
- Distribution of LLINs integrated with vitamin A supplementation and deworming.
- One net for 2 people with total of 3.523.873 LLINs available
- Door to door strategy for HH registration and voucher distribution – voucher redemption at fixed point distribution sites.
- Distribution over 10 days rather than 7 originally planned to allow enough time for collection of nets at PHUs.
- 5 day hang-up campaign one week after the distribution
- UMCOR DFID, USAID, World Vision International and Global Fund are the main donors providing nets
- Scope of campaign: covering 13 districts, 149 chiefdoms, 1159 Peripheral units, and including the urban area of Freetown
- National training took place in Freetown last week. MOH will start trainings May 28<sup>th</sup> onwards
- Ebola outbreak on border chiefdoms with Liberia and Guinea may impact on campaign activities

**Togo:**

Population at risk of malaria in Togo : <i>6,150,000 (World Malaria Report, 2012)</i>							
Required LLINs : <i>3,416,667</i>							
LLINs imported into the country three years prior to update : <i>3,009,135 (AMP Net Mapping Project)</i>							
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	Q4 2014 replacement campaign	3.9 million (national)	3.970.624 GFATM	None anticipated		Implementation and logistics	30.04.14
Continuous	All routine services		Possible		Funds for continuous		

<b>distribution</b>	interrupted since 2011		surplus from 2014 mass campaign if Lomé is not covered		distribution available in R9 grant but no disbursement to date		
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>3.9 million</b>	<b>3.970.624</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- Campaign activities (HH registration and distribution) have taken place
- Post campaign evaluation has taken place (rapid assessment)
- 1,7 mil HHs registered
- 1,642,000 HHS have received LLINs
- 279,000 LLINs are left at district level
- Some challenges – gaps with numbers of coupons and registration materials. May have affected quality of registration process
- 92% coverage achieved
- Average of 3.8 persons per HH were registered.
- Problems with insufficient human resources
- Size and texture of LLINs are things that beneficiaries are complaining about – two types of nets were distributed during the campaign – complaints about quality of nets.
- People with coupons who did not receive nets – need to be reached now – LLINs left will be used to cover these gaps, but presents challenges.

**CENTRAL AFRICA REGIONAL NETWORK (CARN)**

CARN countries where update provided listed below. NB: This does not included all CARN countries.

**CARN country updates provided on May 13th AMP call: Equatorial Guinea**

**DRC:**

<b>Population at risk of malaria in DRC :</b>		67,730,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		37,627,777					
<b>LLINs imported into the country three years prior to update :</b>		30,803,765 (AMP Net Mapping Project)					
<b>Distribution channel</b>	<b>Scale of distribution</b>	<b># LLINs needed per distribution channel</b>	<b># LLINs available per distribution channel</b>	<b>LLIN gap per distribution channel</b>	<b>Budget gap per distribution channel</b>	<b>Technical assistance requested with date per distribution channel</b>	<b>Date of most recent update</b>
<b>Mass distribution</b>	Rolling region by region – 2010-2012	35 million	19,094,251	13,445,599	2.3 million\$		03.04.13
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>35,000,000</b>	<b>19,094,251</b>	<b>13,445,599</b>			<b>N/A</b>

**Ongoing issues:**

- PMI put together their annual malaria operational plan



- Discussions were held on calendar of continued support for the provincial level campaigns, as well as on plans for piloting routine distribution through schools and community based channels
- For 2017, the country is looking at campaigns in Maniema, in Bas Congo, Kasai Occidental and Oriental provinces.
- For piloting of routine activities, NMCP would like to pair piloting in provinces where campaigns have recently been done with continued piloting and scaling up of continuous distribution interventions.
- Interest in testing out both school and community based channels.

**Equatorial Guinea:**

<b>Population at risk of malaria in Equatorial Guinea :</b>		720,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		400,000					
<b>LLINs imported into the country three years prior to update :</b>		52,000 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	2011 campaign never rolled out	433,000	449,226	0			03.04.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>433,000</b>	<b>449,226</b>	<b>0</b>			<b>N/A</b>

**Update on May 13th AMP conference call:**

- The Bioko Island Malaria Control Project (BIMCP) has made the decision to substantially modify EG's vector control strategy to de-emphasize IRS (now to be done on a focal/stratified basis only targeting neighbourhoods where there is high persistent prevalence, traditional housing that is susceptible to vector infiltration, and/or where there is a high rate of travel to the Continent and thus high infection importation pressure)
- The aim is now to emphasize LLIN supply and use
- Given that there is not LLIN distribution in the Continental Region of Equatorial Guinea, data indicates that we can expect as much as a 40% annual leakage of LLINs from the Island to the Continent largely through intra-family reallocation
- MCDI has recognized the need to ramp up substantially LLIN keep-up efforts and related IEC
- The new strategy envisages continuing to distribute LLINs to pregnant women attending ANC clinics at Government health facilities, and adding in a new strategy of distributing a new LLIN to every primary school-aged child at the beginning of each school year in September starting in 2016.
- It is estimated that the primary-school distribution alone will permit to re-supply the equivalent of 40% net loss – should be able to learn more about this through the annual Malaria Indicator Survey (MIS)
- MCDI has reached out to AMP for assistance in helping them formulate an enhanced IEC/BCC effort linked to the new enhanced keep-up effort, and assistance in formulating some LLIN-related IEC questions for this year's annual MIS which will be conducted in August and September

**Tchad:**

<b>Population at risk of malaria in Tchad :</b>	11,410,000 (World Malaria Report, 2012)
<b>Required LLINs :</b>	6,338,889
<b>LLINs imported into the country three years prior to update :</b>	8,577,547 (AMP Net Mapping Project)

Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	2014 TFM to cover 9 regions out of 11	8,177,640	8 151 792	146 943			03.04.13
Continuous distribution	2013 routine distribution only		762,941				
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>8,177,640</b>	<b>7,148,020</b>	<b>1,792,561</b>			<b>N/A</b>

**Ongoing issues:**

- 5 million nets from GF procured by UNICEF
- Mission report will be made available to the AMP partnership once completed
- In 2014 they plan to do a mass distribution, and estimate the need to be 8,177,640 nets.
- Between TFM, other commitments, carryover from 2013 and 1M from the French (not confirmed), the gap is only 26,385 (if this is the case, MNM might just cover the rest). Without the French, the gap is still over 1M nets.

**EAST AFRICA REGIONAL NETWORK (EARN)**

*EARN countries where update provided listed below. NB: This does not include all EARN countries.*

**EARN country updates provided on May 13th AMP call: None**

**Burundi:**

<b>Population at risk of malaria in Burundi :</b>				<i>6,690,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>3,716,667</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>4,433,813 (AMP Net Mapping Project)</i>			
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	UC 1.8 ratio Feb/March 2014	5,165,200	5,158,410	6,790		Implementation , Logistics	03.04.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>5,165,200</b>	<b>5,158,410</b>	<b>6,790</b>			<b>N/A</b>

**Ongoing issues:**

- Final review of the post campaign report is ongoing and will be shared this week with the country
- Country needs to submit it as an annex to their concept note for NFM funding to the GF

**Kenya:**

<b>Population at risk of malaria in Benin</b>		9,662,685 (2013 population census))					
<b>Required LLINs :</b>		5,368,158					
<b>LLINs imported into the country three years prior to update :</b>		4,845,882 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	National universal coverage replacement campaign in 23 counties		12.6 million	0		Logistics and longer term coordination	30.06.14
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>		<b>12.6 million</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- MCU has been contacted to request the validation of the process evaluation report so it can be shared.
- Plan of action was a weak document – AMP to support by distance to strengthen this
- Meeting was held between MCU Kenya, USAID-PMI, the Global Fund and AMP - AMP TA provider presented the results of phase 1 of the distribution and the process evaluation
- Looking at getting quantitative data gathered to adapt to phase 2 activities planned in 201 but not much traction from the country on this.
- Waiting for the MCU to give approval on review of the final report for process evaluation before it is widely circulated
- Community MIS will take place before the end of the year – some of the questions on the AMP supported questionnaire will be used
- AMP is supporting Phase I distribution of 3 million LLINs in Western Kenya with a process evaluation
- Phase 1 of campaign will be complete before the end of 2014.
- Phase II of campaign 5.6 million LLINs will be complete in 17 counties in 2015
- There are 0.7 million nets that have no operational costs – 812,000 USD gap for high burden area to be covered

**Uganda:**

<b>Population at risk of malaria in Uganda :</b>		34,550,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		19,194,444					
<b>LLINs imported into the country three years prior to update :</b>		12,480,685 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per	# LLINs available per	LLIN gap per distributio	Budget gap per distributio	Technical assistance requested with	Date of most recent

		distributio n channel	distributio n channel	n channel	n channel	date per distribution channel	update
<b>Mass distributio n</b>	Two phases: P1 completed – May 2010- January 2011 (7,293,689 LLINs distributed) ; P2 distribution planned to start in 2013	19.64 million	11,653,054 (11,003,054 from GFATM Rd7 Phase II and 650,000 from USAID/PMI )	4 million		Implementatio n	03.04.1 3
<b>ANC</b>	PMI supported ANC distributio n ongoing in approx. 40% of the country						
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>19.64 million</b>	<b>11,653,054</b>	<b>4 million</b>			<b>N/A</b>

**Ongoing issues:**

- The Malaria Journal paper just published on the study on barrier to net use that was conducted in Uganda is available at the following link: <http://www.malariajournal.com/content/13/1/82>
- Now completed distribution of 11 million nets in 67 districts
- Additional 5 mil nets in country for distribution - remaining balance to complete UC in February

**SOUTHERN AFRICA REGIONAL NETWORK (SARN)**

SARN countries where update provided listed below. NB: This does not included all SARN countries.

**SARN country updates provided on May 13th AMP call: Mozambique**

**Mozambique:**

<b>Population at risk of malaria in Mozambique:</b>		25,800,000 (World Malaria Report, 2014)					
<b>Required LLINs :</b>		14,333,333					
<b>LLINs imported into the country three years prior to update :</b>		11,784,524 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per	Date of most recent update

						<b>distribution channel</b>	
<b>Mass distribution</b>						TBD	24.04.14
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>						<b>N/A</b>

**Update on May 13th AMP conference call:**

- Mozambique is interested in conducting a nationwide campaign – distribution would be planned for Q1 of next year (2016) and may need support from AMP in planning process throughout 2015. To be followed up.
- It would be the first time Mozambique conducts a national campaign rather than province by province.
- A call is scheduled next week with AMP to assess the needs for support

**Ongoing issues:**

**Swaziland:**

<b>Population at risk of malaria in Swaziland :</b>						<i>337,000 (World Malaria Report, 2012)</i>	
<b>Required LLINs :</b>						<i>187,223</i>	
<b>LLINs imported into the country three years prior to update :</b>						<i>91,725 (AMP Net Mapping Project)</i>	
<b>Distribution channel</b>	<b>Scale of distribution</b>	<b># LLINs needed per distribution channel</b>	<b># LLINs available per distribution channel</b>	<b>LLIN gap per distribution channel</b>	<b>Budget gap per distribution channel</b>	<b>Technical assistance requested with date per distribution channel</b>	<b>Date of most recent update</b>
<b>Mass distribution</b>						BCC	03.04.13
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>						<b>N/A</b>

**Ongoing issues:**

- Need to follow up with the country after communication mission last year to see how far they have come with recommendations and plan next phase of support
- Swaziland is currently working towards elimination
- NMCP and AMP TA provider have reviewed previous communication strategic plans aimed at the community at large.
- NMCP and AMP TA provider are reviewing the acceptance of interventions
- Will work on outreach via health workers in rural health areas. Will focus on population travelling through Swaziland mainly from Mozambique
- Are looking at a plan to have malaria prevention meeting with both traders that travel to boarder countries and Mozambique population in Swaziland
- Working to enhance communication activities in high burden areas via the creation of malaria elimination committee meetings
- Looking at targeting the transport industry with IEC materials for lorry drivers.
- Messaging to travellers to take precautions when they travel to Mozambique
- Will pass messages on malaria prevention in schools, churches, mosques.
- The programme is working on the concept note for the NFM to be submitted by June 15th - the concept note is now close to final, but they are still revising the health promotion section.

- They have just finished data collection in the field for the KAP survey which they are conducting
- Just from being in the field even though analysis has not been done yet, the team have clearly observed that nets are not being used. There is low risk perception because of the low malaria disease burden in the country
- In their NSP, nets have not been included and the Global Fund (whose team is currently in-country) agree that they should not be
- However, there are nets that were procured last year which had not yet been distributed. The plan with those was to replace/replenish the old nets. Now Global Fund has given the Programme the go-ahead to distribute them
- The exercise may commence beginning of the malaria season round September or so
- These will probably be the last batch of nets
- The strategy will then be to focus on IRS, environmental management etc.
- The plan is still to promote usage as there are nets currently awaiting distribution.

## ASIA PACIFIC

### Asia Pacific country updates provided on May 13th AMP call: None

#### Indonesia:

<b>Population at risk of malaria in Indonesia :</b>		51,900,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		28,833,333					
<b>LLINs imported into the country three years prior to update :</b>		8,192,770 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution	2014						25.09.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>		<b>365,000</b>				<b>N/A</b>

#### **Ongoing issues:**

- Campaign rolled out and seems to have gone very well
- Distribution was finalised on the last week of September
- 3.5 million nets going out
- Campaign delayed due to delays in shipment – delivery needs to go to district level. Campaign should roll out around 3<sup>rd</sup> week of September
- Quality of micro planning so far reported to be excellent

#### Pakistan:

<b>Population at risk of malaria in Pakistan:</b>		147,773,000 (World Malaria Report, 2013)					
<b>Required LLINs :</b>		26,599,140					
<b>LLINs imported into the country three years prior to update :</b>		3,338,948 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date	Date of most recent update

			channel			per distribution channel	
Mass distribution							
ANC							
EPI							
Totals							

**Ongoing issues:**

- Sent new ITN strategy document to AMP for review
- Support will be required from members of the partnership to take a look at different sections and review and feedback to the country.
- Finalizing national strategy for LLINs distribution in Pakistan
- Planning to distribute 5.2 Million LLINs during next 18 months, starting April 2015
- 900,000 LLINs per 3 month/quarter
- Before 23 March the district wise distribution of 5.2 M LLINs will be finalized
- AMP has provided advice to the DoMC on strategy for LLIN package disposal.
- Pakistan recently developed "National M&E Framework and Impact Assessment Tools" for LLIN intervention in Pakistan
- Before distribution of LLINs the country is re-designing the strategy and national guidelines and revising their training modules
- 9 million LLINs have been distributed over the last 6 years but their M&E plan was not strong, so this component is to be strengthened for assessment
- Impact assessment guidelines and indicators have been developed. M&E framework recently designed by the programme for better ownership and implementation.
- Means of verification have been integrated in the M&E framework for better accountability
- The strategy defines a role for each partner in the operation (national and international partners).
- Decentralised system of government is reflected in the plan
- Baseline has been set for the impact assessment
- The M&E framework can be used for any programme
- The programme manages security aspect by assessing potential risks
- Net Mapping group received information from Pakistan – very good data received of last 3-4 years of how many nets have been distributed per district – to be used as key country by AMP in mapping district level distribution.
- DMC will circulate all revised ITN strategy and revised training materials. Marcy will be sending to various individuals in the partnership to review different sections and get input from AMP
- Malaria accounts for 16% of total case load in the country

**Papua New Guinea:**

<b>Population at risk of malaria in Papua New Guinea :</b>		7,011,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		3,895,000					
<b>LLINs imported into the country three years prior to update :</b>		3,464,400 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution channel	# LLINs available per distribution channel	LLIN gap per distribution channel	Budget gap per distribution channel	Technical assistance requested with date per distribution channel	Date of most recent update
Mass distribution							03.04.13



<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>		<b>365,000</b>				<b>N/A</b>

**Ongoing issues:**

- PNG because of resource constraints shifted from UC back to under 5s campaigns.
- Under 5 campaign took a lot more planning than the UC distribution that was previously conducted.
- Collecting data was very expensive – overall 10% extra cost and seems that cost of distribution was over 2 dollars per net.
- PNG is all mountainous region so logistics are horrific to get nets out of the city