

# 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)

20th December 2017

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If you wish to be added to or taken off 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 – December 20th AMP conference call**

Chair : Jason Peat  
Rapporteur : Melanie Caruso

- Introductions
- Review of minutes from last week's AMP conference call
- Country Updates
- Working Group Updates
- AOB

Next conference call: Wednesday, 10th January 2017 10:00 EST, 14:00 GMT / UTC, 16:00 CET

## **Participants:**

AMF:	
AMP participants:	Melanie Caruso, James Ssekitooleko, Kamel Maina, Greg Pirio, Jeronimo Zandamela
BASF:	
Buy a Net:	
CDC / PMI:	
CRS:	
Disease Control Technologies:	
Global Health Partners:	
IFRC:	
Independent participants:	Kevin Starace, Mark Grabowsky, Rose (Magpi)
Intelligent Insect Control:	
IPHA:	Jessica Rockwood
JC Flowers Foundation:	Alexandra Gordon
JHU Centre for Communications:	Hunter Harig
JSI:	
LSHTM:	
MCDI:	
Milliner Global Associates:	John Milliner
Nets for Life:	



For additional information:

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PLAN Canada:  
PSI: Joe Lewinski  
Real Relief Health: Annette Braae  
Rotarians Action Group on Malaria: Drake Zimmerman  
Rotarian Malaria Partners :  
Sumitomo: Adam Flynn  
Tana Netting: Mia Pagh  
UNICEF: Valentina Buj  
UN Foundation:  
USAID / PMI: Lungi Okoko  
VF:  
WHO: Stefan Hoyer  
World Vision: Gagik Karapetyan

### **General updates:**

Update 15 years ago this week 1st mass LLIN distribution Lawra district, Ghana

White paper by Mark Grabowsky dated 2002 suggesting use of ITN's in Measles Campaigns.

See attachments to this week's call minutes.

14,600 nets - 14,543 ITNs delivered and 47 went to volunteers as gifts.

We were able to frame net distribution as a social justice issue for the first time - figured out a way which had not been previously available to do coverage by economic equity.

Had not counted on inefficiencies of the global financing structures to allow moving across from different health sectors which has never entirely been resolved.

### **AMP Partners Meeting 2018 – Theme: Trends and Threats in LLIN Distribution**

- 5-6<sup>th</sup> February 2018. Geneva, Switzerland
- Information on registration and agenda attached to the minutes of the call – please send completed registration to [melanie.caruso@ifrc.org](mailto:melanie.caruso@ifrc.org)
- The objective of the meeting is to discuss current trends and threats for LLIN distribution, with a view to presenting global to local approaches to improving and sustaining quality and efficiency and to mitigating against threats that are unavoidable. Key topics include:
  - Insecticide resistance
  - Net misuse, disposal and repurposing
  - Data management, quality control
  - Reaching and sustaining the population access indicator

### **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 and Logistics	AMP/REF	16-23 <sup>rd</sup> December 2017

#### **Planned AMP TA missions 2018 :**

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Nigeria	Implementation and Communications	AMP	Continuous 2018
Liberia	Implementation, Logistics and Communication	AMP	Continuous 2018
Madagascar	Implementation, Communications and Logistics	AMP	Continuous 2018
DRC	Implementation and Logistics	AM	Continuous 2018

Completed AMP TA support (distance and in-country) in 2017:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Benin	Logistics Implementation Surge Logistics Logistics Implementation Implementation	AMP AMP AMP AMP AMP AMP	March 2017 March/April 2017 March/April 2017 April/May 2017 June 2017 October 2017
Burkina Faso	Implementation Logistics	ALMA UNOPS	June 2017 June 2017
Burundi	Logistics Logistics Implementation Implementation/Logistics Implementation/Logistics	ALMA AMP AMP AMP AMP	March 2017 May 2017 July 2017 August 2017 September 2017
CAR	Logistics Implementation Implementation Implementation	IFRC IFRC IFRC IFRC	March 2017 May 2017 July 2017 September-November 2017
Congo Brazzaville	Implementation	UNOPS	November 2017
DRC	Implementation Implementation	PSI PSI	February 2017 March 2017
Guinea Bissau	Implementation Logistics	AMP UNDP	January 2017 April/May 2017
Liberia	Logistics Implementation (x2) Communications	AMP	May 2017
Mauritania	Logistics Implementation Logistics Communication Implementation Logistics Implementation  Logistics	SENLS SENLS SENLS SENLS SENLS SENLS SENLS  SENLS	March/April 2017 May/June 2017 May/June 2017 May/June 2017 August 2017 August 2017 September/October 2017 October-November

			2017
<b>Mozambique</b>	Logistics Implementation	AMP AMP	February 2017 June 2017
<b>Nigeria</b>	Implementation Implementation Implementation Communications Implementation/CMA	AMP CRS AMP AMP/CRS AMP/CRS	February 2017 April/May 2017 June 2017 October 2017 October-November 2017
<b>Pakistan</b>	CMA	AMP	October 2017
<b>Sierra Leone</b>	Implementation (x2) and Logistics Logistics	AMP NMCP	January 2017 March 2017
<b>Tanzania</b>	CMA	VectorWorks	January 2017
<b>Togo</b>	Logistics Logistics/Implementation	AMP AMP	February 2017 August/September 2017
<b>Total # of countries supported by AMP in 2017 (in-country):</b>		<b>15</b>	

**Emerging issues working group:**

Co-chairs: Joe Lewinski – PSI [jlewinski@psi.org](mailto:jlewinski@psi.org) ; Caroline Desrousseaux VF - [cde@vestergaard.com](mailto:cde@vestergaard.com))

- The EIWG call was held 20<sup>th</sup> December
- The agenda for the call was as follows:
- New Terms of Reference and Working Group Participants
- Update on Container Storage and Discuss Ways to Move Forward
- List of Issues for 2018 and beyond.
- Planning for meeting and discussion at AMP Partners' Meeting, February 2018

**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 [mbdiouf@usaid.gov](mailto:mbdiouf@usaid.gov))

- No update

**Net mapping project working group:**

Chair: John Milliner – Milliner Global Associates [jemilliner@gmail.com](mailto:jemilliner@gmail.com) and Cedric Mingat PSI - [cmingat@psimali.org](mailto:cmingat@psimali.org)

- Sending out to manufacturers today the request for Q4 data

**Toolkit and Training working group:**

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

- No update

**Resource Mobilization working group:**

Jason Peat – IFRC [jason.peat@ifrc.org](mailto:jason.peat@ifrc.org), Drake Zimmerman – Rotarians Action Group on Malaria [drakezim@gmail.com](mailto:drakezim@gmail.com) and Jessica Rockwood – IPHA [jrockwood@iphadvisors.com](mailto:jrockwood@iphadvisors.com)

- The group will develop an internal message to be disseminated on the first AMP call in the new year to update the partnership on the resource mobilization efforts.

### AMP 'ACTIVE COUNTRIES'

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

### AMP 'Active Countries' updates provided on December 20<sup>th</sup> AMP call: Angola, CAR, Liberia

#### 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							
Totals	N/A	11,700,000	7,484,312	3,669,125			N/A

#### Update on December 20th AMP conference call:

- Finished campaign's second phase
- Numbers should be coming out shortly and will be shared on the first call in the new year

#### Benin:

Population at risk of malaria in Benin					10,328,934 (2014 population)		
Required LLINs :					5,738,297		
LLINs imported into the country three years prior to update :					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	5,738,297	6,050,272 (GF 5.245.272,	0		Logistics and longer term	16.07.14

	<i>campaign</i>		USAID 280.000			<i>coordination</i>	
ANC							
EPI							
Totals	N/A	5,738,297	6,050,272	0			N/A

**Ongoing issues:**

- Benin has rolled out its post campaign survey
- Proposed to have wrap up meeting at end of campaign but no dates proposed yet
- Distribution is now completed
- Report came out on rapid monitoring of HH registration - could be presented at AMP meeting on successes and challenges in February

**Burkina Faso:**

<b>Population at risk of malaria in Burkina Faso</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							
ANC							
EPI							
Totals							

**Ongoing issues:**

- 2 AMP TA providers assisted in country working on the planning for the 2019 campaign
- In process of negotiating the submission to the Global Fund

**Burundi:**

<b>Population at risk of malaria in Burundi :</b>				6,690,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				3,716,667			
<b>LLINs imported into the country three years prior to update :</b>				4,433,813 (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 1.8 ratio Feb/March	5,165,200	5,158,410	6,790		Implementation , Logistics	03.04.13

n	2014						
ANC							
EPI							
Totals	N/A	5,165,200	5,158,410	6,790			N/A

**Ongoing issues:**

- Burundi has rolled out its post campaign survey
- Burundi has just implemented a LLIN mass distribution campaign and distributed over 6 million nets to a registered population of 11,477,801.
- PR has changed from government to UNDP – transition at the end of this year

**Central African Republic (CAR):**

<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							
Totals	N/A	2.2 million	2.2 million	0			N/A

**Update on December 20th AMP conference call:**

- Team finished distribution in region sanitaire 7 - capital Bangui
- Completed most of the city about a month ago
- Some pockets of the city experienced huge levels of violence and in these cases they held a series of meetings with community leaders and identified community reps that accompanied volunteers during net distribution.
- Completed all of Bangui now
- Proposing to do a one-day post distribution survey early in the new year
- Next wave of distribution should be on the borders with Chad and Cameroun following microplanning in the new year and distribution before rains early April.

**Congo Brazzaville:**

<b>Population at risk of malaria in Congo Brazzaville:</b>		(World Malaria Report)					
<b>Required LLINs :</b>							
<b>LLINs imported into the country three years prior to update :</b>							
Distribution	Scale of	# LLINs	# LLINs	LLIN gap	Budget gap	Technical	Date of

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							
ANC							
EPI							
Totals							

#### Ongoing issues:

- Congo's last mass distribution campaign was in 2012. To sustain the gains achieved in the past, the Ministry of Health is implementing a mass LLIN replacement campaign to distribute LLINs nationwide to beneficiaries in 2019. The allocation strategy to provide 1 LLIN per 2 people requires quantification of LLIN needs according to population divided by 1,8 which allows to round up LLIN allocation when households have uneven population. (1,3,5..)
- The Congo population estimated for the 2019 campaign at 5 031 242 is a projection derived from the 2007 census adjusted by a 2,6% annual increase. The GF accepted adding a 10% buffer in the LLIN needs quantification to compensate for possible projection uncertainties due to the time since the last census. Thus the result of dividing the population by 1,8 to provide 1 net for every 2 people (rounded up) and adding 10 % establishes a procurement need of 3 074 649 LLINs for the 2019 campaign which the Global Fund has agreed to finance
- AMP TA provider Jean Marc Grégoire is in country from November 13, to December 2<sup>nd</sup> 2017
- Mission Objectives: Provide technical advice to the Congo national malaria control programme (NMCP) and partners related to mass campaign implementation and logistics and support in preparing of the GF malaria grant funding application due for submission in December 2017 for a universal coverage LLIN distribution campaign to be implemented in 2019.
- The priorities are to advise in the preparation of the following documents during a 2 week workshop:
  - chronogram of all campaign activities (GATT chart);
  - detailed campaign budget;
  - LLINs procurement and positioning plan;
  - List of discussion and decision points on the proposed strategy of the campaign, logistics strategy, strategy for monitoring and evaluation based on the macro plans and other relevant documents
- RBM Consultant is also in country to support the questions concerning Global Fund template requirements related to GF grants and Funding Request.
- The Global Fund has requested that Catholic Relief Services (CRS) act as the principal recipient (PR) for the 2019 LLIN distribution campaign. A team of CRS staff (Baltimore, Kinshasa) and external resources has been in country since early November the support the GF grant application process.
- The campaign supply chain and health system management structure breakdown divide the country into 12 departments, 52 districts, 350 Health Centres.
- Distribution of LLINs to the population through an estimated 1,170 Distribution points is planned for July 2019 before the rainy season.
- As in the past the main grouping of activities leading to a distribution of LLINs will be macro-planning and budget review, micro planning workshops, budget review, training of trainers for household registration and distribution, training of registration workers, household registration, delivery to distribution points, training of distribution workers and a 5 day distribution of LLINs to household representatives
- Independent monitoring during household registration to validate geographical coverage and data quality has been accepted by Congo NMCP and will be budgeted in the GF grant application



- Specifications call for the purchase of rectangular nets to be supplied in bulk packaging conditioned in bales of 50 LLINs.

#### DRC:

<b>Population at risk of malaria in DRC :</b>				<i>67,730,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>37,627,777</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>30,803,765 (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>	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:**

- Teams out in Congo Central right now and doing net tracking there
- More data available soon.
- First two provincial level distributions are underway in Maniema and Kasai.
- Finished all previous distributions within current Global Fund grant
- Applying for NFM round 2 starting early next year

#### 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>			
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>	<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>

ANC							
EPI							
Totals	N/A	13 million		0			N/A

**Ongoing issues:**

- Rolling out a process evaluation around what it has been done
- Unclear what they are going to get out of this at this point
- Qualitative and quantitative data has been generated for the pilot
- Pilot review meeting planned this week
- With Volta Region, things have been delayed for the pilot. Registration has begun but distribution for the pilot won't happen until week of November 20<sup>th</sup>
- Training in process and distribution scheduled for the 1<sup>st</sup> week of December in Eastern Region
- The App has been working quite well: recent challenge is more with regards to connectivity to the internet for login
- Campaign is supposed to roll out in January
- Since 2012 there is school distribution ongoing which has been stalled now to concentrate on efforts for the mass campaign.
- ANC and EPI health facility distribution is ongoing.

**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 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	Planned country wide mass distribution (last quarter of 2014)	2,195,796	1,159,089 GF 289,280 surplus from routine LLINs	169,726		Logistics and Implementation TA	09.10.13
ANC			577,700 USAID-PMI				
EPI							
Totals	N/A	2,195,796	2,026,069	169,726			N/A

**Update on December 20th AMP conference call:**

- Sitrep attached to the minutes of this week's call
- Liberia LLIN mass distribution campaign, which is supported by the Global Fund, is slated to take place between January and March 2018.
- Approximately 2.6 million LLINs will be distributed with the objective of achieving universal coverage of the entire population in 15 counties.

Population Macro projection (2018)	Net required	Net required + 10% buffer	Population Micro planning	Net required	Net required + 10% buffer
4,279,698	2,377,610	2,615,371	4,633,036	2,573,909	2,831, 300

\*\* source: micro plan report

- NMCP/MOHSW ensures the normative guidance and is responsible for procurement of the LLINs, as well as coordination, supervision and monitoring of the campaign.
- PLAN International is the PR and will work with seven (7) contracted Service Providers to fulfil implementation.
- PMI is supporting the TA provided by AMP
- Consultants in country: Both consultants arrived on Dec 18, 2017; Dates for mission – December 18 – 23;
- Intro meeting on Monday, December 18, at NMCP's conference room office to review the TA's TORs;
- Group meeting/workshop on Tuesday, December 19, at PLAN's office to move forward the proposed priorities.
- Priorities of the TA mission:
- Finalize the implementation tools (training manual, supervision and monitoring checklists, reporting templates)
- Support preparation for the implementation training that will start in early January,
- Develop the micro transport plans & budgets,
- Plan first level logistics training and plan for the LLIN arrival.
- Implementation/Technical:
- Finalized the monitoring & supervision checklists
- Reviewed module 6 of the training manual (LLIN Distribution tools).
- Logistics:
- Log training agenda and materials finalized
- Log training of service providers will be conducted later in January 2018 after contractual process is completed
- Work on micro-transportation plan and budget
- Communication: A Media briefing took place on December 19, 2017

### Madagascar:

Population at risk of malaria in Madagascar : 19.176.420							
Required LLINs : 12 632 024 (10,653,567 campagne ; 1 678 457 routine et 300 000 SM)							
LLINs imported into the country three years prior to update : 11,236,039							
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	92 districts	10,653,567	10,653,567			No	18.09.2015
ANC	92 districts	1,678,457	354,727	1,323,730	4,633,055		

EPI	92 districts						
Social Marketing	92 districts	300,000		300,000	990,000		
Totals		12,632,024	11,008,294	1,323,730	5,623,055		

**Ongoing issues:**

- Starting planning for distribution for next year
- Taking more of an EPI approach in terms of planning: the money flows to the districts so they can carry out their own activities. Ownership at district level is anticipated and looking at how to strengthen the districts
- Review of SBCC strategy and looking for support with TA for new models
- AMP TA support and planning will take place from now until early in the new year with PMI and partners

**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)					
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	Need to fill remaining gap from 2012 mass distribution	800,000					10.04.13
ANC							
EPI							
Totals	N/A	800,000					N/A

**Ongoing issues:**

- Waiting for final plan of action to come out
- New team in the country
- TA mission completed to support country to review campaign documents and roadmap, and review the mass campaign budget

**Mali:**

<b>Population at risk of malaria in Mali :</b>		15,880,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		8,822,222					
<b>LLINs imported into the country three years prior to update :</b>		5,888,050 (AMP Net Mapping Project)					
Distribution channel	Scale of distribution	# LLINs needed per distribution	# LLINs available per	LLIN gap per distribution	Budget gap per distribution	Technical assistance requested	Date of most recent

		channel	distribution channel	channel	channel	with date per distribution channel	update
<b>Mass distribution</b>	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
<b>Continuous distribution</b>				695,126			
<b>ANC</b>							
<b>EPI</b>							
<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:**

- Roll out in Kai is going well. Distribution begins in next couple of weeks – Global Fund came back with approvals to move forward in Kai Province and training of trainers is scheduled to start next week.
- PSI is the Global Fund PR

**Mauritania:**

<b>Population at risk of malaria in Mauritania:</b>							
<b>Required LLINs :</b>							
<b>LLINs imported into the country three years prior to update :</b>							
<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>							
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>							

**Ongoing issues:**

- Mauritania has opted for universal coverage to reach the entire population at risk of malaria
- The target population in the malaria areas is estimated at 2,816,904 and will receive approximately 1,721,442 LLINs (at a rate of 1 LLIN / 2 persons) free of charge.
- Campaign financed by the Global Fund largely and by OMVS with SENLS, PNLN and SSF partners.
- Campaign wrap up meeting is planned for 11<sup>th</sup> December
- Questions on quality of the distribution: need to do a post mortem and discuss the AMP support that was provided to Mauritania. For a country that did not have any experience going into this and with the amount of TA support that went in, some results are disappointing with areas that did not complete distribution and HH registration, challenges with LLIN accountability etc. These issues need to be reviewed and a reconciliation process needs to take place.

### 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 distribution channel	Date of most recent update
<b>Mass distribution</b>	Universal 2016-2017	16,207,964	Campaign: 2,800,000 + 200k buffer for Nampula in 2016 ; remainder for distribution in 2017.	0	0 (but TBC with approval of GAC)	Next TA mission TBC but likely for micro-planning (end April)	15.03.2016
<b>ANC</b>			Needs covered by PMI (quantity TBC)				
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>						<b>N/A</b>

### **Ongoing issues:**

- Completed distribution. Lots of items on the news about the campaign.
- Done for their whole campaign for the entire country

### Nigeria:

<b>Population at risk of malaria in Nigeria :</b>				162,000,000 (World Malaria Report 2012)			
<b>Required LLINs :</b>				90,000,000			
<b>LLINs imported into the country three years prior to update :</b>				37,915,945 (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

<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>

**Ongoing issues:**

- Final reports have been sent to Nigeria following AMP in-country support missions this month

**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)					
<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>							
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>							

**Ongoing issues:**

- CMA report went back to country after feedback on recommendations for the CMA
- Some concerns about the data. Data was being collected for a long time after the AMP CMA mission and after the AMP debriefing. So the report has different numbers than what was in the debriefing presentation - working to communicate on these numbers and the changes.
- Need to standardise that all partners are doing the same thing as per implementation guidelines that are established. Different SRs were using different tracking tools which need to be harmonized
- Pakistan has been distributing long-lasting insecticidal nets (LLINs) since 2009 through continuous distribution (facility-based distribution using Lady Health Workers). Since last quarter of 2015 and 2016 LLINs are being distributed both through mass distribution and continuous distribution (community-

based distribution using Lady Health Workers (LHWs), community representatives and volunteers and ANC through MCH centres). Since the beginning of the LLIN distributions, the Directorate of Malaria Control (DoMC) has put in place standard operating procedures (SOPs) including for the management of the LLINs throughout the supply chain to ensure accountability through the use of standardized tracking tools.

- In 2016 LLINs were found for sale on Quetta Market in Baluchistan, Pakistan. Preliminary investigations found approximately 1,000 LLINs for sale, which were funded by the Global Fund and purchased by DoMC via the Global Fund PPM. In total, 2,013,700 LLINs were purchased at a cost of US\$5,247,433 and delivered to Pakistan between April 2014 and January 2015. Other markets were surveyed where LLINs from the same identified batches were distributed and none were found for sale in Peshawar, Khyber Pakhtunkhwa province, or in Hyderabad in Sindh province. LLINs purchased at Quetta Market were confirmed for authenticity with the manufacturers (Yorkool and DCT Royal Sentry)
- The DoMC and partners have deemed it necessary to undertake an assessment of the overall functionality of the supply chain to reinforce systems in place for accountability of LLINs as well as assess vulnerability of the distribution system and identify potential points of leakages. A commodity management assessment (CMA) will be rolled out to evaluate the strengths and challenges of the logistics system and tracking tools in use. CMA is primarily an “audit” in the sense that it will verify (within the sample) whether all LLINs are accounted for. Given concerns that accountability is not 100%, the CMA will be able to determine the actual percentage in terms of accountability based on the supply chain tracking tools. The CMA will provide data to illustrate problems and will provide recommendations on how these gaps can be filled.

### Sierra Leone:

<b>Population at risk of malaria in Sierra Leone :</b>				6,000,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				3,333,334			
<b>LLINs imported into the country three years prior to update :</b>				4,195,850 (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 – June 2017	4.18 million				Logistics	18.08.16
ANC							
EPI							
Totals	N/A	4.18 million					N/A

### **Ongoing issues:**

- Sierra Leone conducted an integrated 2017 campaign tied to the biannual mother-child health weeks. The interventions, vitamin A and albendazole targeting children under five years of age, were integrated with the universal coverage LLIN distribution. The strategy for LLINs was 1 net for 2 people, with a maximum of 3 nets per household.
- Distribution is completed
- NMCP to present on results in an upcoming AMP call

### Tanzania:



Population at risk of malaria in Sierra Leone : <i>(World Malaria Report, 2012)</i>							
Required LLINs :							
LLINs imported into the country three years prior to update : )							
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						CMA	26.01.17
ANC							
EPI							
Totals							

**Ongoing issues:**

- Started Zanzibar school based distribution
- Met to go over community based distribution plans in Zanzibar and putting together guidelines for community based distribution.

**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 distribution	All routine services interrupted since 2011		Possible surplus from 2014 mass campaign if Lomé is not covered		Funds for continuous distribution available in R9 grant but no disbursement to date		
ANC							
EPI							
Totals	N/A	3.9 million	3.970.624	0			N/A

**Ongoing issues:**

- Togo has wrapped up distribution, but 2 regions were not covered by mass distribution (Golfe and Lome). Togo quantified based on sleeping spaces and HH registration was confuse. A 15% increase in LLIN needs has been identified.
- Asked to roll distribution to 2018 to have more time to plan and get transport contracts in place
- Gap now between time that they trained and implementation

#### Uganda:

<b>Population at risk of malaria in Uganda :</b>				<i>34,550,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>19,194,444</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>12,480,685 (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>	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		Implementation	03.04.13
<b>ANC</b>	PMI supported ANC distribution 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:**

- In Northern Uganda the Rotarian Malaria Partners in collaboration with various partners including Pilgrim Africa and funding beyond the Rotarian portion by others including The Bill and Melinda Gates Foundation are implementing a project that seeks to test comparatively various inputs to control malaria.

- The overall outcome of the project is to figure out what works to take malaria to zero
- Three of the test groups were:
- LLIN's only- plus of course standard care for malaria
- LLIN's + IRS, Insecticide Residual Spraying 2x/year, - plus of course standard care for malaria, and
- LLIN's + IRS + Mass Treatment with antimalarials - plus of course standard care for malaria.
- As expected, the additional inputs reduced malaria. The lower to higher inputs reduced malaria by 30%, 67% and 83% respectively, year over year in the 3 subcounties of Magoro, Toroma and Kapujan,
- PHASE II Adds Weekly visits by Community Health Workers CHW to seek malaria symptoms and some other inputs.
- The Slide of Cross-Sectional Surveys, RDT results is included in the conference call minutes attachments

### Zambia:

Population at risk of malaria in Zambia :							
Required LLINs :							
LLINs imported into the country three years prior to update :							
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							
ANC							
EPI							
Totals	N/A						

### Ongoing issues:

- 3.6 million nets from AMF are to be distributed in November/December
- HH registration is being conducted
- Working with CHAZ on the distribution.

### WEST AFRICA REGIONAL NETWORK

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

**WARN country updates provided on December 20th AMP call: None**

### Gambia:

Population at risk of malaria in Gambia:				1,780,000 (World Malaria Report, 2012)			
Required LLINs :				988,889			
LLINs imported into the country three years prior to update :				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	Date of most recent update

			channel			per distribution channel	
Mass distribution	2014 replacement campaign		746,000				30.04.14
ANC							
EPI							
Totals	N/A		746,000				N/A

**Ongoing issues:**

- None

**Guinea**

Population at risk of malaria in Guinea :			12,132,795 (PMI, 2015)				
Required LLINs :			6,949,395 (2016)				
LLINs imported into the country three years prior to update :			3,502,437 (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	2016	6,949,395 (2016)		0			17.02.15
Continuous distribution	Under Round10 following mass distribution	949,391	347,000				
ANC							
EPI							
Totals	N/A	7,898,786	347,000	0			N/A

**Ongoing issues:**

- NMCP exploring school based and community based distribution as complementary channels to mass campaign distribution.
- VectorWorks have looked into the possibilities and have observed strong coordination between health and education sectors
- Transitioning from a push based to a pull based requisition system: determined that school based distribution was best way to go forward
- 2 prefectures for 17'000 children is being planned with support from VectorWorks.
- A central coordination committee has been put in place. Next committee meeting planned end of November to finalise the terms of reference and start to develop communication strategy
- Targeting an early March distribution.

## Guinea Bissau:

Population at risk of malaria in Equatorial Guinea:							
Required LLINs :							
LLINs imported into the country three years prior to update:							
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							
ANC							
EPI							
Totals							

## Ongoing issues:

- Guinea-Bissau implemented a Universal Coverage LLIN distribution campaign planned for an estimated population of 1 821 040. In compliance with the three-year replacement cycle to maintain universal coverage the 2017 campaign is a follow up to the 2014 LLIN universal distribution campaign
- Distribution took place from 21<sup>st</sup> May to 4<sup>th</sup> June
- All activities were implemented as planned
- A presentation of results will be shared soon to the AMP partnership
- Campaign planning began with support of AMP in late January/early February. Follow up support from AMP for logistics and implementation also went a long way to manage the process of campaign planning
- Most challenges that were met kept repeating themselves such as lack of technical support and struggle with capacity and human resources.
- Challenge in identifying and recruiting volunteers at community level for HH registration and distribution. Needed to have lists of people validated and sent through to a mobile server for payment – difficulties in managing this to get info from district to central level. Because we could not use mobile money, this led us to have rent over 12 vehicles over 2 months which placed heavy burden on the budget. Had to continuously make revisions to the budget on a weekly basis which was also a challenge.
- Challenges in positioning of nets from health centers to distribution points, there were a lot of transportation challenges that delayed nets reaching distribution points at the time of the campaign. Needed to do a mop up at end of campaign to make up for this.
- Monitoring of HH registration was done by an independent research center
- Over 2 million people reached.
- Planning to do post campaign impact survey with access and use results. Should be able to compile these results with campaigns in 2011 and 2014. Results should be available by end of first trimester of 2018.

## Niger:

Population at risk of malaria in Niger :	16,080,000 (World Malaria Report, 2012)
Required LLINs :	8,933,334

LLINs imported into the country three years prior to update : 1,266,562 (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	June 2014 – Dosso  April 2015: Southern regions		1.6 million  6.4 million			Support to NFM proposal	23.07.14
ANC							
EPI	Routine distribution through EPI clinics						
Totals	N/A		TBC				N/A

**Ongoing issues:**

- Plan Niger is Sub Recipient for GF NFM malaria project under CRS as Principal Recipient.
- Distribution with the MoH bed nets in 3 regions (Diffa, Dosso and Tilabery) was completed early June
- Went globally well
- A total of 3,566,026 nets are available (1,766,026 from GF and 1,800,000 from MoH) was distributed
- Working now on the report

**Senegal:**

Population at risk of malaria in Senegal : (World Malaria Report, 2012)							
Required LLINs :							
LLINs imported into the country three years prior to update : (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							
ANC							
EPI							
Totals							

**Ongoing issues:**

- Local consultant in country - Moussa NDour: 1st February-30<sup>th</sup> September 2016
- Distribution in phase 2 is underway
- About half the districts in each region are complete as of Monday

- For phase 3 the coordination committee met on Friday and spoke of recommendations from last AMP mission. They are going ahead with training activities for phase 3 in regions
- Timeline for phase 3 should be revised to avoid delays in activities and overlapping of certain activities and to apply lessons learned from phase 1 and 2 around HH registration.

### CENTRAL AFRICA REGIONAL NETWORK (CARN)

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

### CARN country updates provided on December 20th AMP call: None

#### 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							
Totals		12,322,059	12,322,059	0			

#### Ongoing issues:

- Focus on pulling out lessons learnt from last campaign during upcoming AMP mission
- Not sure yet on design of strategy for next campaign
- Timelines are tight as nets arrive early January so logistics training needs to happen soon.
- With support from the Global Fund, IFRC as PR has supported distribution of more than 1 million nets in RS 1,2 and 3.
- RS 4, 5 and 6 are still to be covered. Small populations hard to reach
- Last 22'000 nets going out to region sanitaire 4 on border with Sudan/Chad
- Finalising the extension of the malaria grant for completion of mass distribution in most difficult to reach areas of the country - 2 mil bed nets for mass distribution and expansion of routine services
- Country is finalising a malaria indicator survey and data is being cleaned. Results in a month and country will provide presentation of results
- Next mass distribution will start first quarter of 2017

#### Chad:

Population at risk of malaria in Tchad :		11,410,000 (World Malaria Report, 2012)
Required LLINs :		6,338,889
LLINs imported into the country three years prior to update :		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:

- The 3<sup>rd</sup> Chad Universal Coverage LLIN distribution campaign started in January 2017. 1<sup>st</sup> in 2011 and 2<sup>nd</sup> in 2014.
- Estimated 2017 campaign target population of 9,428,950/1,571,492 HHs living in 12 of the country's 23 regions.
- 6,582,600 LLINs (including a buffer stock of 1 million) LLINs were procured
- The 2017 campaign is implemented in 5 phases as per table below
- Gap dropped significantly down to about 225'000 net gap for 2 regions – solutions could be to roll back nets from refugee settings and get government to donate additional nets
- Destruction of plastic bags: built in to Global Fund grant the building of incinerators.

#### 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>



**Ongoing issues:**

- 35,000 LLINs in a Keep Up campaign
- All primary schools on Bioko island (6- 14 years of age)
- Trained all teachers
- Pre-test / Post Test
- 2018 planning a mass distribution
- IRS teams are training LLIN ownership
- August MIS
- Bioko Island top up distribution of 10,000 LLINs completed early August in high incidence communities
- Larger school based distribution is on hold and won't be underway until January 2017
- Donation of 54,000 nets to be distributed on mainland is currently waiting in port

**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 December 20th AMP call: None**

**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
<b>Mass distribution</b>	National universal coverage replacement campaign in 23 counties		12.6 million	0		Logistics and longer term coordination	30.06.14
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>		<b>12.6 million</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- Massive gaps still exist for 2017

**South Sudan:**

<b>Population at risk of malaria in South Sudan:</b>							
<b>Required LLINs :</b>							
<b>LLINs imported into the country three years prior to update :</b>							
Distribution channel	Scale of distribution	# LLINs needed per	# LLINs available	LLIN gap per	Budget gap per	Technical assistance	Date of most

		distribution channel	per distribution channel	distribution channel	distribution channel	requested with date per distribution channel	recent update
Mass distribution							
ANC							
EPI							
Totals							

#### Ongoing issues:

- Completed distribution in 2 states
- Other state to be completed by end of September
- 120,000 nets looted in July, and think there may be another 500,000 at risk.
- The rest of the stocks are in a secured compound in Juba
- PSI has found 11 local partners to work with
- Malaria is the top cause of morbidity in IDPs and non-conflict affected areas (see attached WHO surveillance bulletin).
- Malaria cases in Bentiu PoC and Malakal PoC exceeded expected levels in the week. Response:
  - o Bentiu POC – PSI has completed the distribution of LLINs in the POC site. Last week also sent RDTs and ACTs to UNICEF who are on the ground to help with any response. With this, we expect the Malaria situation to be contained.
  - o Malakal POC – Due to challenges of insecurity, we were not able to deliver the LLINs by road. We are engaging constantly with the Logistics Cluster for support in Airlifting the LLINs.
- An “expedited” distribution process has been developed based on food distributions. This means that we register and issue nets immediately.

#### Sudan:

Population at risk of malaria in Sudan :				37,970,000 (World Malaria Report, 2014)			
Required LLINs :				21,094,444			
LLINs imported into the country three years prior to update :				9,040,385 (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			4,262,414 (for 12 states)			M&E	11.03.2015
ANC			122,000				
EPI							
Totals							

#### Ongoing issues:

- LLIN tracking system report based on experience in Sudan has been finalised. Will be distributed at AMP meeting in print and shared through the AMP website

### SOUTHERN AFRICA REGIONAL NETWORK (SARN)

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

**SARN country updates provided on December 20th AMP call: None**

### Swaziland:

Population at risk of malaria in Swaziland :				337,000 (World Malaria Report, 2012)			
Required LLINs :				187,223			
LLINs imported into the country three years prior to update :				91,725 (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						BCC	03.04.13
ANC							
EPI							
Totals	N/A						N/A

### 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 December 20th AMP call: None

### Haiti:

Population at risk of malaria in Haiti :							
Required LLINs :							
LLINs imported into the country three years prior to update :							
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	2017						10.10.16
ANC							
EPI							
Totals	N/A		365,000				N/A

### Ongoing issues:

- PSI has made a request for TA for 2017 Haiti campaign
- AMP has reached its maximum capacity from now until the end of the year and it is possible that no TA providers may be available to support this request unfortunately.

### Indonesia:

Population at risk of malaria in Indonesia : 51,900,000 (World Malaria Report, 2012)							
Required LLINs : 28,833,333							
LLINs imported into the country three years prior to update : 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	2014						25.09.13

distribution							
ANC							
EPI							
Totals	N/A		365,000				N/A

**Ongoing issues:**

- No update.

**Papua New Guinea:**

Population at risk of malaria in Papua New Guinea :				7,011,000 (World Malaria Report, 2012)			
Required LLINs :				3,895,000			
LLINs imported into the country three years prior to update :				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
ANC							
EPI							
Totals	N/A		365,000				N/A

**Ongoing issues:**

- 1.2 million nets from AMF for 2017
- 1.6 million nets from AMF for 2018
- Looking to shift to school based distributions. Would like help assessing this.