

# 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)

18th April 2018

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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 – April 18th 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, 25th April 2018 10:00 EST, 14:00 GMT / UTC, 16:00 CET

## **Participants:**

AMF:	Peter Sheratt
AMP participants:	Melanie Caruso, Hamisu Hassan, Greg Pirio; Yves Cyaka
BASF:	Alex Heimsch
Buy a Net:	
CDC / PMI:	
CRS:	
Disease Control Technologies:	
Global Health Partners:	
Global Fund:	Jessica Patera and GF Pakistan country team
IFRC:	Marcy Erskine, Ayodele Akinnawo
Independent participants:	Abdul Majeed (Pakistan)
Intelligent Insect Control:	
IPHA:	
JC Flowers Foundation:	
JHU Centre for Communications:	Andrea Brown, Hunter Harig, Danielle Piccinini, Sean Blaufuss, Sarah Berthe, Sylvester Segbaya, Prince Owusu
JSI:	
LSHTM:	
MCDI:	



For additional information:

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Milliner Global Associates: John Milliner  
 Nets for Life:  
 PLAN Canada:  
 PSI:  
 Real Relief Health: Annette Braae  
 Rotarians Action Group on Malaria:  
 Rotarian Malaria Partners : Jim Morris  
 Sumitomo:  
 Tana Netting:  
 UNICEF:  
 UN Foundation:  
 USAID / PMI:  
 VF:  
 WHO: Jan Kolaczinski  
 World Vision: Gagik Karapetyan

**General updates:**

**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
CAR	Implementation & Logistics	IFRC/AMP	February – April 2018
Pakistan	Logistics	CRSPC/UNOPS	April 2018

Planned AMP TA missions 2018:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Nigeria	Implementation, Logistics and Communications	CRS	Continuous 2018
Malawi	Implementation, Communications and Logistics	AMP	Continuous 2018
Madagascar	Implementation, Communications and Logistics	AMP	Continuous 2018
DRC	Implementation and Logistics	AMP	Continuous 2018
Chad	Process evaluation	UNDP	TBC
Cameroun	Implementation and Logistics	AMP	May 2018
Congo Brazzaville	Implementation and Logistics	AMP	TBC

<b>Pakistan</b>	Implementation, Communications and Logistics	CRSPC	TBD
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Completed AMP TA support (distance and in-country) in 2018:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
<b>CAR</b>	Implementation	AMP	February – March 2018
<b>Ethiopia</b>	Process evaluation	CRSPC	March-April 2018
<b>Liberia</b>	Logistics	AMP	February - March 2018
	Implementation	AMP	February - March 2018
<b>Madagascar</b>	Implementation	AMP	January 2018
	Logistics	AMP	January 2018
<b>Malawi</b>	Implementation	AMP	March-April 2018
	Logistics	AMP	March-April 2018
<b>Total # of countries supported by AMP in 2018 (in-country):</b>			<b>5</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))

- No update

**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)

- First quarter 2018 report shared with the minutes of this week's call
- A bit slower this year in the first quarter
- Over 15 million nets delivered first quarter

**Toolkit and Training working group:**

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

- AMP website revision to take place

**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)

- Update sent to CRSPC co-chairs on movement of TA, next one to be sent at end of Q1 2018 to address any remaining challenges
- Discuss the details on how the mechanism with UNOPS should work and how it needs to be supported by AMP

**AMP 'ACTIVE COUNTRIES'**

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

**AMP 'Active Countries' updates provided on April 18<sup>th</sup> AMP call: CAR, Ghana, Malawi, Pakistan**

**Angola:**

<b>Population at risk of malaria in Angola :</b>				<i>19,600,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>10,888,888</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>4,850,646 (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	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:**

- PSI finished off campaign activities and now supporting some continuous distribution activities

**Benin:**

<b>Population at risk of malaria in Benin</b>				<i>10,328,934 (2014 population)</i>			
<b>Required LLINs :</b>				<i>5,738,297</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>4,845,882 (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	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							
Totals	N/A	5,738,297	6,050,272	0			N/A

**Ongoing issues:**

- PMI TA funding remaining – working with Benin to do more in depth on lessons learned and recommendation on an operational level and start to inform 2020 campaign planning

**Burkina Faso:**

<b>Population at risk of malaria in Burkina Faso</b>						<i>19.5 million</i>	
<b>Required LLINs :</b>							
<b>LLINs imported into the country three years prior to update :</b>							
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:**

- AMP provided support with 2018-2020 grant – BF want to continue discussions around the strategy for their campaign scheduled in 2019
- Want to avoid a multimillion net gap like in past campaigns

**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:**

- Delay in LLIN durability study that was scheduled
- When Burundi received its nets for the last campaign, they had a batch of nets that did not pass inspection and had to borrow nets from PSI. Burundi ended up with a heavy reverse logistics operation. Trying to figure out what the situation is now and seems to be unwillingness to pay for additional warehousing and transport fees out of the Global Fund grant.

**Cameroun:**

<b>Population at risk of malaria in Cameroun :</b>		<i>22,250,000 (World Malaria Report, 2014)</i>					
<b>Required LLINs :</b>		<i>12,361,111</i>					
<b>LLINs imported into the country three years prior to update :</b>		<i>1,537,744 (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 March 2015	12,322,059	12,322,059 (GF)	0		Implementation and Logistics	24.03.2015
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>		<b>12,322,059</b>	<b>12,322,059</b>	<b>0</b>			

**Ongoing issues:**

- Required support in May 2018 for 2019 campaign planning
- GF require longer term support – need to budget it out under the grant
- 2 regions funded by Government of Cameroun
- Need support for macro planning phase, revised ToRs and has been submitted to CRSPC/UNOPS
- PBO nets to be delivered to Cameroun is approx. 2 million

**Central African Republic (CAR):**

<b>Population at risk of malaria in CAR :</b>		<i>4,490,000 (World Malaria Report, 2012)</i>					
<b>Required LLINs :</b>		<i>2,494,445</i>					
<b>LLINs imported into the country three years prior to update :</b>		<i>162,870 (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>n channel</b>	
<b>Mass distribution</b>	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
<b>ANC</b>							
<b>EPI</b>							
<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 April 18<sup>th</sup> AMP conference call:**

- Current in country mission is ongoing (implementation and logistics)
- Sitrep attached to the minutes of this week's call

**Chad:**

<b>Population at risk of malaria in Tchad :</b>		<i>11,410,000 (World Malaria Report, 2012)</i>					
<b>Required LLINs :</b>		<i>6,338,889</i>					
<b>LLINs imported into the country three years prior to update :</b>		<i>8,577,547 (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>	2014 TFM to cover 9 regions out of 11	8,177,640	8 151 792	146 943			03.04.13
<b>Continuous distribution</b>	2013 routine distribution only		762,941				
<b>ANC</b>							
<b>EPI</b>							
<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:**

- Request for support for evaluation of campaign as agreed with Global Fund.
- WHO was going to do it but now not possible so looking for AMP to support process evaluation as long as it's not the same consultants in place that supported the campaign planning
- Looking for AMP to support and putting out a call for consultants
- Please find the link to access to the TOR for the recruitment of the international consultant for mass campaign evaluation. Please share it anyone who might be interested.
  - For UNDP staff : <http://procurement-notices.undp.org/> ID 44571
  - For non UNDP staff : <http://procurement-notices.undp.org/search.cfm>.

**Congo Brazzaville:**

<b>Population at risk of malaria in Congo Brazzaville:</b>							<i>(World Malaria Report)</i>
<b>Required LLINs :</b>							
<b>LLINs imported into the country three years prior to update :</b>							
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							
<b>Totals</b>							

**Ongoing issues:**

- Received request from GF to review the budget after the meetings with LFA in Brazzaville, especially the items concerning the supply chain, as GF considered cost per net to be too low
- Review allowed AMP to recommend that they work at looking at charges on moving bales in and out of warehouses at the three levels. Also had to recalculate storage costs.
- Review has been sent back to the GF.
- Getting requests for feedback after AMP missions from the GF to check on whether recommendations are being followed: need to figure out a mechanism with UNOPS to ensure that requests for distance support are taken into account at the TA contracting level
- Signing of final grant underway
- TA support is obligatory within their grant

**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
Mass distribution	Rolling region by region – 2010-2012	35 million	19,094,251	13,445,599	2.3 million\$		03.04.13
ANC							
EPI							
<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:**

- Initial discussion on support to PMI region in Kasai Oriental to take place
- PMI is funding a 3 million ITN distribution in Kasai Oriental which AMP will work to develop a TA plan for
- AMF working on distribution for first quarter of next year
- GF working on selection of PR which will have incidence on who distributes the AMF nets
- 2 to 3 million nets to start off with as part of the rolling campaign. Not yet decided whether they will be PBO nets or not.

**Ethiopia:**

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

**Ongoing issues:**

- AMP mission to support process evaluation is complete
- Writing the final report recommendations on process evaluation
- **Preliminary observations Ethiopia 2018 process evaluation**
  - There is a high level of community volunteer involvement and support in the LLIN distribution campaigns;
  - LLIN Allocation at Distribution Point follows the 2017 Guideline document is the process of rounding down when there is an unequal number of people in the family which equals population divided by 2,2. This compared to the allocation policy to round up when there is an unequal number of people in the family which equals to population divided by 1,8 the universal coverage objective
  - There is a need for a daily reconciliation document/tally sheet at distribution point level. Also lacking at DP level is a stock transfer document for movement of LLINs between Kebeles and for return logistics of LLINs to Woreda storage facilities;
  - No advice as to storage capacity in cubic metres or sq metres needed was communicated to districts before shipping from central level to districts;
  - At the central level storage facility there has been no physical count inventory carried out since first arrival of LLINs in November 2017. Due to lack of space to allow for physical counting many woredas also did not carry out regular reconciliation of data with real stock on hand.
  - All data from Distribution Registration pads were being entered at Woreda level. In a district with 6,430 Households it took 10 days for 2 people to enter the data in an excel file

**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>

**Ongoing issues:**

- Made request for TA but not sure of timing of it. GF following up

**Ghana:**

<b>Population at risk of malaria in Ghana :</b>				25,000,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				13,888,888			
<b>LLINs imported into the country three years prior to update :</b>				15,780,153 (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	Door-to-door stand alone hang up campaigns completed in 2012	13 million		0			03.04.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>13 million</b>		<b>0</b>			<b>N/A</b>

**Update on April 18<sup>th</sup> AMP conference call:**

- Ghana is using paperless data collection and management system for mass LLIN distribution

- Point Mass Distribution (PMD) of LLINs for Universal Coverage (UC) have been used to make LLINs available to households (HH) throughout the country since 2010
- Though successful in achieving the overall objective of getting nets into HHs-80% distribution targets (3% in 2003 to 73% in 2016) it has been fraught with process challenges especially when you go to do post distribution spot checks
- Electronic Data Management-NetApp® has been set up and piloted and is now going to scale
- It is an Android App with the following objectives:
  1. To aid real time data –household registration, LLIN distribution
  2. To improve data quality and avoid inconsistencies
  3. To improve performance monitoring and accountability
  4. To improve logistics management and ultimately reduce audit infractions
- Key functions of NetApp®:
  1. Ability to work both online and offline
  2. All communities prepopulated on app for quick registration (quality measure)
  3. Automatically allocates LLINs needed for households
  4. Automatically generates HH unique code showing number of LLINs allocated
  5. Location services for easy tracking of Registration Assistants (RAs) and Distribution Point Attendants (DPAs)
- Real time data for decision making
- Enhances LLIN Logistics management
- Pilot of Electronic Data Management in 4 selected districts in 2 regions
  1. Microplanning
  2. Preparation and Customization of the App ( communities prepopulated)
  3. Trainings
  4. SBCC
  5. Registration
  6. Validation
  7. Movement of nets to distribution points based on registration data
  8. LLIN Distribution
  9. Post Distribution activities
- Real time monitoring and tracking of registration and distribution: we can see when distribution has started at the DPAs; daily averages is there a need to extend the distribution period
- Real time identification of communities with challenges.
- It helped with timely decision making
- Accuracy of data improved: Allocation of nets more accurate; Registration errors observed and corrected immediately; Reduced greatly reverse logistics (allocation more accurate); Unique code really helpful in reducing fraud; No need for data collation: manual collation which takes about a week, now done automatically by app; Time for data validation (2 weeks validation reduced to 1-2days):
- Opportunity to replicate for other interventions: Plan to use for SMC distribution
- Internet access was the major challenge. The need to review code (caps/small letters) for easy distribution; offline versions critical
- The Human involvement (selection of right persons who will operate the app must understand the use of the App) as well as the other aspect of the mass campaign such an effective logistic management should not be neglected when the App is introduced
- Validation of registered data is still important
- A dedicated IT team is needed to work hand in hand with the M&E team

**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							
<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>

**Ongoing issues:**

- Coordination meeting planned for tomorrow and waiting for NMCP to follow up on funding mechanism for additional distribution points
- Discussion on level of mobilisation and communication around the distribution points. Significant number of HHs did not get reached in registration phase

<b>REVISED TIMELINE</b>	
Buffer net movement from central to districts	April 9 - 18, 2018
Movement of nets & tools from district to Health facilities, DPs and/or community storage locations	April 11 – 24, 2018
Distribution teams and supervisors training	April 19 – 20, 2018
Campaign launch & World Malaria Day (National and county level)	April 25, 2018
Net distribution – Rural – Other 14 counties apart from Montserrado	April 26 – May 1, 2018
Net distribution – Urban – Montserrado County	April 26 – May 3, 2018
Distribution data collection	May 4 – 9, 2018
Reverse logistics	May 4 – 11, 2018
Distribution data processing	May 10 – 20, 2018
Report writing	May 10 – 31, 2018
Commodity Management Audit	May 21 - 30, 2018

**Madagascar:**

<b>Population at risk of malaria in Madagascar : 19.176.420</b>
<b>Required LLINs : 12 632 024 (10,653,567 campagne ; 1 678 457 routine et 300 000 SM)</b>
<b>LLINs imported into the country three years prior to update : 11,236,039</b>

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 106 districts		13,129,000				
ANC							
EPI							
Social Marketing							
<b>Totals</b>			<b>13,129,000</b>				

**Ongoing issues:**

- Rolling out authentication phase (registration)
- Submitting request for additional TA in May for microplanning
- August/September distribution with registration done much earlier. They will do micro planning after registration.
- Madagascar is planning a National campaign, 13,129,000 nets in 106 of the 114 districts of the country.
- Two donors: PMI (6 M nets) and GF (7.1 M Nets)
- PMI nets: one contractor (PSM) and one sub-contractor (PSI)
- GF nets: two PRs – PSI and UCP
- For both distributions, DLP is lead organization and face of the campaign

**Malawi:**

<b>Population at risk of malaria in Malawi :</b>			<i>15,400,000 (World Malaria Report, 2012)</i>				
<b>Required LLINs :</b>			<i>8,555,556</i>				
<b>LLINs imported into the country three years prior to update :</b>			<i>9,040,385 (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	Need to fill remaining gap from 2012 mass distribution	800,000					10.04.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>800,000</b>					<b>N/A</b>

**Update on April 18<sup>th</sup> AMP conference call:**

- AMP TA missions complete
- Microplanning workshop completed
- After this the SBCC team did a retreat of 4 days to work on communications planning with AMP consultant support.
- Amp supported the country to develop logistics plan of action
- Technical team working with NTF on microplanning programme budgeting for 29 districts.

**Mali:**

<b>Population at risk of malaria in Mali :</b>				<i>15,880,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>8,822,222</i>			
<b>LLINs imported into the country three years prior to update :</b>				<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
<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:**

- Koulikoro campaign happening in May

**Mozambique:**

<b>Population at risk of malaria in Mozambique:</b>				<i>25,800,000 (World Malaria Report, 2014)</i>			
<b>Required LLINs :</b>				<i>14,333,333</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>11,784,524 (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>	Universal 2016-2017	16,207,964	Campaign: 2,800,000 +	0	0 (but TBC with	Next TA mission	15.03.2016

			200k buffer for Nampula in 2016 ; remainder for distribution in 2017.		approval of GAC)	TBC but likely for micro-planning (end April)	
<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:**

- Continuous distribution 29'000 nets to be districted
- Training of trainers to commence
- Microplanning was completed
- Campaign going well but concerns about SBCC component

**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				
EPI							
<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:**

- For LLIN Mass Campaigns in 2018, CRS will work closely with NMEP, SFH, various state governments and malaria partners and stakeholders to coordinate and implement the distribution of over 14 million LLINs across four states: Ogun, Jigawa, Katsina and Gombe.
- The campaigns will be implemented using the Cash and Asset Transfer (CAT) Strategy, which was successfully piloted in 2017 for improving efficiency and transparency, in line with the 2017 LLIN Campaign Operational Manual.
- CRS and AMP are working on designing the scope of AMP support for 2018
- Ogun campaign has commenced, and training of trainers has started.
- AMP TA provider should be able to travel next week

**Pakistan:**

<b>Population at risk of malaria in Pakistan:</b>			<i>147,773,000 (World Malaria Report, 2013)</i>				
<b>Required LLINs :</b>			<i>26,599,140</i>				
<b>LLINs imported into the country three years prior to update :</b>			<i>3,338,948 (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>
Mass distribution							
ANC							
EPI							
<b>Totals</b>							

**Update on April 18<sup>th</sup> AMP conference call:**

- Directorate of Malaria Control (DMC), Pakistan has been distributing LLINs to achieve universal coverage in highest endemic districts (API>10) through the support of The Global Fund.
- Since 2015, Pakistan has been distributing nets through periodic mass campaigns, while there has been simultaneous continuous distribution of LLINs through antenatal services (ANC), which aims to promote antenatal visits in targeted districts.
- As per Pakistan's National Malaria Strategy 2015-2020, DMC seeks to increase access to LLINs to 80% among people living in high-risk malaria areas. In 2018, The Global Fund NFR (Malaria) Grant, Pakistan, will distribute approximately 2.34 million LLINs in 12 high malaria burden districts through a mass LLINs distribution Campaign.
- **Priorities of the TA mission:** Work with DMC and Indus Hospital on revision of logistics plan and strategy, accounting for recommendations from CMA; preparation of logistics timeline and budget; preparation of microplanning package; preparation of logistics training package.
- Inception meeting with the DMC team chaired by Director DMC
- Meeting with World Food Program and DMC teams
- Advocacy visit to Director DMC where an inception meeting was convened to communicate the scope of work for the logistics TA and advocate for support at all level of implementation of the TA

- Worked with DMC to resolve areas of concerns based on the outcome of the CMA report. DMC logistics officer was mentored through the CMA tool to understand the outputs used in coming up with the report. So far most of the areas of concerns were addressed and the report almost finalized ready for sharing.
- Worked with DMC Logistics focal point to develop a presentation on the outcome of the CMA and lessons learnt for presentation at the **Malaria Annual Review Meeting 2018, 17th–18th April 2018; Serena Hotel–Islamabad**
- Current data on quantities of LLINs delivered in country was collected to validate the macro quantification template using the current population of the targeted districts.
- Need to work with DMC to nominate Country's Logistics Sub-Committee members and draft nomination letters cutting across key implementing partners (PRs, SRs & WFP)
- Need to draft terms of reference for LSC members to be developed and share with DMC for further inputs.
- Work with DMC logistics focal point and other members of Logistics Sub-Committee to review Pakistan's Inventory Management tools to address inventory management gaps as observed during the CMA
- Planning for a 3-day orientation/development of Logistics Plan of Action for Pakistan/Training of Trainers on Logistics for the 2018 LLIN mass campaign in Pakistan and Timeline for logistics activities and key milestones

**Tanzania:**

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

**Ongoing issues:**

- Launch in Zanzibar – community-based distribution
- Expecting to get 300'000 nets from PMI for distribution through health facilities until July

**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>		
Distribution channel	Scale of distribution	# LLINs needed	# LLINs available	LLIN gap per	Budget gap per	Technical assistance	Date of most

	n	per distribution channel	per distribution channel	distribution channel	distribution channel	requested with date per distribution channel	recent update
<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:**

- Final nets of mass distribution have gone out
- Event celebrated and end of campaign attended by the president
- Expressed interest in IRS and announced he would like all HHs to be sprayed with IRS – estimated cost 97 million USD
- DFID pledged for next 5 years
- Uganda MoH has asked AMF for up to 30 million USD support
- Post distribution monitoring is underway in nets distributed 1 year ago.

**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	Date of most recent

			channel			distribution channel	update
Mass distribution							
ANC							
EPI							
Totals	N/A						

**Ongoing issues:**

- Nets are in country
- Distribution of 3 million AMF nets – 2.2 million nets still remaining – process for that is being completed.

**WEST AFRICA REGIONAL NETWORK**

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

**WARN country updates provided on April 18th AMP call: None**

Guinea

<b>Population at risk of malaria in Guinea :</b>		12,132,795 (PMI, 2015)					
<b>Required LLINs :</b>		6,949,395 (2016)					
<b>LLINs imported into the country three years prior to update :</b>		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:**

- VectorWorks is supporting the distribution of 21'000 nets in 2 prefectures on March 15-16<sup>th</sup>
- Nets are moving next week to sub prefecture level
- Contract with private logistics firm moving nets going straight to storage in sites
- Training of school directors and teachers on March 11<sup>th</sup>.
- Community mobilisation efforts are under way
- Going door to door and sharing details of school distribution with HHs using job aids created by VW

- Local imams spreading messages a week before and after distribution
- Printing of communications supports underway

**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							
<b>Totals</b>							

**Ongoing issues:**

- None

**Mauritania:**

Population at risk of malaria in Mauritania:							
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							
<b>Totals</b>							

**Ongoing issues:**

- None

**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		1.6 million			Support to NFM proposal	23.07.14
	April 2015: Southern regions		6.4 million				
<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:**

- Distribution of 3.2 M nets later this year.
- Training Of Trainers started today for microplans
- TA is being done through CRS and NMCP

**Senegal:**

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

**Ongoing issues:**

- None

**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							
<b>Totals</b>	<b>N/A</b>	<b>4.18 million</b>					<b>N/A</b>

**Ongoing issues:**

- None

**Togo:**

<b>Population at risk of malaria in Togo :</b>				6,150,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				3,416,667			
<b>LLINs imported into the country three years prior to update :</b>				3,009,135 (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	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							
<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:**

- Togo has wrapped up distribution, but 2 regions were not covered by mass distribution (Golfe and Lome)
- Now completed distribution in Golfe
- No plan currently for distribution in Lome – no LLINs available

### 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 April 18th AMP call: None**

#### Equatorial Guinea:

Population at risk of malaria in Equatorial Guinea :		720,000 (World Malaria Report, 2012)					
Required LLINs :		400,000					
LLINs imported into the country three years prior to update :		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							
Totals	N/A	433,000	449,226	0			N/A

#### Ongoing issues:

- None

### 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 April 18th AMP call: None**

#### Kenya:

Population at risk of malaria in Benin		9,662,685 (2013 population census)					
Required LLINs :		5,368,158					
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	Date of most recent update

						<b>channel</b>	
<b>Mass distribution</b>	<i>National universal coverage replacement campaign in 23 counties</i>		<i>12.6 million</i>	<i>0</i>		<i>Logistics and longer term coordination</i>	<i>30.06.14</i>
<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:**

- None

**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>							
<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:**

- None

**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>

Mass distribution			4,262,414 (for 12 states)			M&E	11.03.2015
ANC			122,000				
EPI							
Totals							

**Ongoing issues:**

- None

**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 April 18th 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:**

- None

**ASIA PACIFIC**

**Asia Pacific country updates provided on April 18th 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	# 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	2017						10.10.16
ANC							
EPI							
Totals	N/A		365,000				N/A

**Ongoing issues:**

- 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							
Totals	N/A		365,000				N/A

**Ongoing issues:**

- None

**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

<b>Mass distribution</b>							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:**

- None