



Balaka District, Malawi

**Post-Distribution Check-Up (PDCU)
at 6-months**

April 2014

REPORT

Prepared by: Chimwemwe Nyoni and Nelson Coelho

Contents

- 1. Executive Summary**
- 2. Introduction**
- 3. Results**
- 4. How the work was carried out and key decisions**
- 5. Finances**
- 6. Lessons Learned**
- 7. Acknowledgements**

Appendix

- 1. Health Areas and households visited**
- 2. Detailed PDCU-6 results**

1. Executive Summary

Balaka District is one of Malawi's 28 districts and has a population of 390,000 and 90,000 households. A universal coverage distribution of 154,230 nets was carried out from October to November 2013.

The Post-Distribution Check-Up of net use and condition (PDCU) carried out 6 months after the distribution involved gathering data across all 14 health centre catchment areas (HCCAs) in the district. 4,530 households (HH) were randomly selected and visited unannounced. See Appendix 1.

The data collected showed very good levels of net use and net condition: 81% of nets were hung with 49% in 'very good' condition and 28% in 'OK' condition'.

Net hang-up, condition and 'net present but not hung' information for each of the 14 HCCAs has been passed to Balaka's Malaria Coordinator (MC), the District Environmental Health Officer (DEHO) and District Health Officer (DHO) to assist in designing further potential targeted malaria intervention activities.

The PDCU cost was US\$8,060 equal to US\$1.78 per household visited (or \$0.052 per net originally distributed which numbered 154,230).

2. Introduction

Malaria is the cause of significant mortality and morbidity in Malawi. The plasmodium falciparum parasite accounts for 98% of the malaria infections in Malawi. More than a million people die of malaria each year of which 70% are children under 5 years of age. Malaria is also the number one killer of pregnant women though it is preventable.

The Government of Malawi, through the Directorate of Preventive Health Services, in the Ministry of Health, established the National Malaria Control Program (NMCP) with the objective of reducing malaria related morbidity and mortality by 75%, by 2015, from the 2004 level. To achieve these goals the NMCP adopted health promotion, distribution and use of long-lasting insecticidal nets (LLINs), intermittent presumptive treatment for malaria in pregnancy and indoor residual spraying (IRS) as primary malaria preventive and control interventions.

The Government of Malawi, with assistance from other partners, implemented a Universal Coverage National Campaign in 2011-2012 in which over 5.5 million nets were distributed, free-to-recipients, to households all over the country. Donors included The Global Fund (4,740,480 LLINs), USAIDs' President's Malaria Initiative (477,000 LLINs), the Against Malaria Foundation (268,420 LLINs) and the Millennium Villages Project (30,000 LLIN).

It is against this background that Concern Universal Malawi, in conjunction with Ntcheu District council, conducted a Universal Coverage long-lasting insecticidal net (LLIN) distribution program in the district as part of the National Malaria Control Program's (NMCP's) universal net distribution across the district. The 268,420 LLINs provided by the Against Malaria Foundation were distributed across Ntcheu District whilst Irish Aid provided the operational funding. This stock of LLINs was sufficient to ensure coverage of every sleeping space in the district.

As an impact-monitoring tool of net usage and net condition, post-distribution check-ups (PDCUs) are carried out at 6 monthly intervals after the distribution. This report represents the results of the 6 months PDCU conducted in April to May 2014.

3. Results

Post distribution Check-Up at 6 months (April – May 2014):

- 4,530 HHs visited (5% of the HHs that received nets in the original distribution)
- 7,977 nets checked
- 87% of the nets were found to be hung and in use. This is a high hang-up level.
- 70% of the nets were found to be in ‘very good condition’ (fewer than 2 holes of up to 2cm in size), 25% ‘OK’ (fewer than 10 small holes on them) and 4% in ‘Poor’ condition, with more than 10 holes or 1 hole larger than 10 cm.
- Condition of the nets compared to expectation: Good

See Appendix 2 for detailed results and findings.

4. How the work was carried out and key decisions

Schedule

The PDCU planning began two months in advance of the PDCU taking place to ensure plans and resources were in place.

Planning

The PDCU team leader led the planning. See the PDCU-6 Planning document for details.

Budgeting

A budget was prepared using cost drivers for each cost item. This allowed strong estimating of costs and will allow a clear comparison between budget and actual costs. See PDCU-6 Budget vs Actual document.

Resource selection

There are 14 Health Centres (HCs) in Balaka District. Each has approximately 20 staff attached to each one, the majority being salaried Health Surveillance Assistants (HSAs).

In collaboration with the District Health Officer (DHO) and Malaria Coordinator (MC) and lessons learnt from Ntcheu PDCU Survey, it was decided to have a focused team of 10 data collectors rather than have a number of data collectors from each HCCA. This was based on the following reasons.

First, this would reduce the number of data collectors that would need to be monitored and trained. Second, we would be able to select reliable individuals whom we could trust to do a diligent and accurate job of collecting the data. Third, it would leave the majority of HSAs to carry on with the normal health tasks and duties. Fourth, by having the same people covering the whole exercise they will get acquainted to the task and reduce errors on data collection.

This meant the data collectors would spend fourteen days collecting data rather than the one or several days if many more data collectors were to be used. This was judged the preferable way of organising and managing the data collection phase.

Orientation and training

Given the limited number of people involved in collecting data and supervising, this was a relatively simple and focused task. An orientation and training session took place on 16th April conducted by CU and MOH Staff (Malaria Coordinator (MC) and Assistant District Environmental Health Officer (ADEHO)).

Supervisors: There were 2 supervisors. The briefing familiarized the supervisors with the overall project, objectives, timing and specific responsibilities.

Data collectors: There were 10 data collectors involved in collecting data, selected from within the district. The orientation included detailed explanation of the survey objectives and the logic behind the survey form (net condition, type of nets, what sleeping spaces are, what is meant by hung nets and noting hung nets against AMF nets received) as well as having the data collectors pre test exercise in order to fill in sample forms and ask questions to ensure their understanding of what information should be collected and how.

Village selection and household selection

Balaka district has 14 health facilities. It was decided to collect data from 5% of households in each HCCA, which meant a different number of households in each HCCA as per individual health facility populations.

Between 25 and 90 households were randomly selected from each of the selected seven to ten villages, depending on the HCCA, with the villages also selected at random.

Villages were randomly selected using the village lists generated from the pre-distribution and distribution work for the October 2013 AMF-funded universal coverage LLIN distribution. A random number table was used to select the villages.

Households were randomly selected using the household lists produced during the same campaign. A random number table was used to select the households. Five more households were put on reserve in case no one was at home in the selected households.

Data collection

10 data collectors and 2 supervisors from the District Health Office were involved in the PDCU. The supervisors were responsible for checking the data collection exercise at the same time monitoring how the data was being collected as per requirement.

All the data collectors involved gathered at a days' designated health facility before each being deployed to selected villages. Once the data collection was complete, the data collectors submitted completed forms to their assigned supervisor who was responsible for checking the forms for obvious errors or omissions, including a lack of householder signature, before delivering the forms to the data entry team.

From the selected households, both men and women households heads were interviewed

upon giving consent and signing on the form to indicate acceptance. Each data collector was assigned a village under the health centre on which data collection was planned for that particular day, guided by their assigned supervisor. On average each data collector visited 50 households per day.

Data collection checking

Supervisors were required to visit 5% of the households in their area to check the accuracy of the data collectors' work and had to check all the completed forms submitted to them before submitting them to the Project Manager. The sampled visited households were also chosen at random so the work of all data collectors was checked.

Data entry

There were four data entry clerks with knowledge in basic computing. The data entry clerks were also exposed to a questionnaire orientation where they were briefed on the forms and introduced to the online web links and how to enter the data on the electronic form, make editions and post the data. The data entry clerks were assigned specific health facilities in order to facilitate their performance monitoring.

Data was entered into a database via a web interface created by AMF. An internet connection was required for this work.

Data entry checking

It was important to monitor and check the work of each data clerk at an early stage to correct any lack of understanding and monitor errors.

Improvements in the data entry interface since the last PDCU carried out in Ntcheu (Ntcheu PDCU-24) by AMF meant the data entry proceeded with almost no errors. This reduced the error-checking phase to almost nothing.

5. Finances

The total PDCU cost was MK 3.281 million (US\$ 8,060).

MK = Malawi Kwacha

Budget vs actual costs (USD)

ITEM	BUDGET COST	ACTUAL COST	DELTA
BRIEFING/ORIENTATION	2,409	705	-71 %
DATA COLLECTION	4,298	3,800	-12 %
DATA ENTRY	988	499	-49 %
STATIONARY	483	2,030	+320 %
MANAGEMENT	1,027	1,027	0 %
GRAND TOTAL (US\$)	(US\$) 9,206	(US\$) 8,061	-12 %

6. Lessons learned

The operational elements that went well were:

- All the selected villages were visited.
- There was a positive response from the LLIN beneficiaries at community level.
- The survey form was short with only one page, which was ideal for the data collectors and the respondents
- Local community leaders and household heads allowed the data collectors to enter their households to see the hung nets and check the condition they were in.
- Management support and commitment towards the activity by Concern Universal and District Health staff was very encouraging, hence the timely execution of the exercise.
- The data collectors were committed to collecting the data.

The elements that did not go so well were:

- In some selected villages, on a planned data collection day, the team faced challenges due to funerals hence data collection was delayed.

The lessons learned from this PDCU that will be applied to subsequent PDCUs were:

- In order to maintain and follow the timeline and meet the deadlines permanent vehicles should be allocated to the activity.
- The same data collectors should be hired to collect the data for the whole exercise in the upcoming subsequent PDCU surveys.
- Likewise the same data entry clerks should be involved in the next subsequent upcoming PDCUs since they are already familiar with the system.

7. Acknowledgements

Special acknowledgement should be made to the Balaka District Health Management Team and the Malaria Coordinator (MC) and the Assistant Environmental Health Officer (AEHO) in particular, for tirelessly making this initiative a success. Despite their busy day-to-day schedule they allocated their time and efforts to the successful execution of the survey. This team worked even over the weekends and on public Holidays just to accomplish the mission and meet the timelines.

Appendix 1 - Health Areas and households visited

Health Centre	Total Number of Villages	Number of households	Population	Number of sleeping spaces	Usable LLIN in place	Nets required	Nets distributed	Gap	Mop-Up Nets	Final Total	5% of HHs (rounded)	# Villages if min of 25 HHs per village, max 10 villages	Number of HHs per village
1 Balaka D.H.	104	17,436	76,891	45,579	22,435	21,722	18,870	2,852	7,660	29,382	870	10	87
2 Chiyendausiku	39	3,337	13,897	8,208	2,099	6,131	6,070	61		6,131	170	7	24
3 Kalembo	40	6,364	25,947	15,856	3,773	12,100	11,727	373	394	12,494	320	10	32
4 Kankao	84	6,398	26,826	15,269	4,070	11,220	11,019	201		11,220	320	10	32
5 Kwitanda	66	6,046	26,321	15,317	7,816	8,551	8,361	190	67	8,618	300	10	30
6 Mbera	177	10,384	46,252	26,249	7,145	19,092	19,033	59	709	19,801	520	10	52
7 Mwima	58	6,076	23,032	14,620	4,133	10,494	10,103	391	274	10,768	300	10	30
8 Namanolo	31	7,324	34,504	21,549	6,653	14,392	12,808	1,584		14,392	370	10	37
9 Nandumbo	28	4,277	18,348	11,182	3,334	7,947	7,510	437		7,947	210	8	26
10 Phalula	64	5,629	24,535	14,718	5,066	9,638	9,133	505		9,638	280	10	28
11 Phimbi	81	6,112	25,060	14,288	4,550	9,749	9,232	517		9,749	310	10	31
12 Ulongwe	26	3,575	15,492	8,965	3,816	5,150	5,115	35		5,150	180	7	26
13 Utale 1	32	3,518	14,669	8,653	2,750	6,065	6,020	45	620	6,685	180	7	26
14 Utale 2	39	3,930	17,218	9,934	2,636	7,408	7,320	88		7,408	200	8	25
TOTAL	869	90,406	388,992	230,387	80,276	149,659	142,321	7,338	9,724	159,383	4,530	127	36
Average/HCCA	62	6,458	27,785	16,456									

DATA COLLECTION PLAN

#	Date	HEALTH CENTRE	# Vllgs	# HHs	HH/V	VILLAGES									
						1	2	3	4	5	6	7	8	9	10
1	Mon-14-Apr-14	BALAKA D.H.	10	870	87	Adamu	Chipote	Kalembera	Kapile village	Mackenzie	Mangombo	Mgawanyemba	Mtalika	Ngwalo	Simoni
2	Tue-15-Apr-14	CHIYENDAUSIKU	7	170	24	Chasinda 1	Chikhwasa	Kadyalunda	Kambadi	Laudoni	Mathuwa	Molosi			
3	Wed-16-Apr-14	KALEMBO	10	320	32	Mteleria	Matiya	Kalembo I	Ntonda	Michesi	Msuvo	Peter Kasenga	Amusa	Kuntiani	Mogoya
4	Thu-17-Apr-14	KANKAO	10	320	32	Bauleni	Chimpakati	Jozhua	Kankao	Maganga	Manjanja	Mkweya	Ngwalu 2	Sakanena	Wanje
5	Fri-18-Apr-14	KWITANDA	10	300	30	Bakili	Chilumba	Chitala 2	Jailosi	Kasonya	Makande	Mpembeza	Nailuwa centre	Namputu	Sitima
6	Sat-19-Apr-14	MBERA	10	520	52	Abudu	Chembera	Chulu	Jerald	katuma	Likwakwala	Mbonga	Mpalasa	Ngwangwa	Simbota
7	Mon-21-Apr-14	MWIMA	10	300	30	Hindahinda	Chibwana	Chitalo 1	Chopi	Magombo	Mapando	Mkwekwere	Mtenge	Namondwa 2	Nyanga
8	Tue-22-Apr-14	NAMANOLO	10	370	37	Chasochira	chiloboto	Dissi 1	Katapila	Idala 1	Mienga	Mmanga 3	Mwalabu	Ngombe	Nsanati 2
9	Wed-23-Apr-14	NANDUMBO	8	210	26	Bimbi	Chiyaka	Kalimila	Kwenje	Majikuta	Maninji	Mdoka	N'gulula		
10	Thu-24-Apr-14	PHALULA	10	280	28	Ayanjaawo	Chandikola	Chitala	Govati	lavala	Limbani	Mkwezalamba	Mulakho	Mveriha	Phalula
11	Fri-25-Apr-14	PHIMBI	10	310	31	Alli	Chimimba	Chisoni	Jiya	layamba	Manda	Mgomwa 1	Mwaliyala	Ntaja	Zalimu II
12	Sat-26-Apr-14	ULONGWE	7	180	26	Chigwenembe	Chindikiti	Hoba	Kunena	Mbawa	Namachira	Ng'ombe			
13	Mon-28-Apr-14	UTALE 1	7	180	26	Bemeyani	Bonongwa	Jadeni	Kamowatimwa	chwatala	Manyoni	Mkaya			
14	Tue-29-Apr-14	UTALE 2	8	200	25	Chikonga	Chilimba	Demeter Estate	Kantwanje	kumwinje	Maganga	Mbaza	Ntandiwa		
		TOTAL	127	4,530											

DATA ENTRY WILL RUN CONCURRENTLY WITH DATA COLLECTION

NO.	ACTIVITY	APRIL 2014																		
		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	BRIEFING PDS TO ENUMERTORS	11																		
2	DATA COLLECTION	14	15	16	17	18	19	21	22	23	24	25	26	28	29					
3	DATA ENTRY	21	22	23	24	25	26	27	28	29	30	1	2							

Appendix 2 - Detailed PDCU-6 results (4 pages)



Post-Distribution Check-Up (PDCU) for Balaka, Malawi: @ 6-months (Apr 2014)

Accounting for AMF Nets		Condition of the AMF nets		Usage of the nets		Miscellaneous data		Comments		Activity		Errors								
Job ID	Job	Date	Households			Forms Signed		AMF nets received		Hung		Present Not Hung		Missing		Worn out/ not usable		M+ WO	Last entry on	by
			Target	#	%	#	%	#	#	%	#	%	#	%	#	%				
		22 May 2014	4,530	4,536	100	4,529	100	7,977	6,936	87	800	10	172	2	69	1	3			
1	731 DP187 Malawi, Balaka District Hospital	04 May 2014	870	870	100	868	100	1,230	1,142	93	61	5	21	2	6	0	2	13 May 2014 13:55	13 May 2014	PS
2	733 DP187 Malawi, Chiyendausiku	07 May 2014	170	170	100	169	99	321	283	88	33	10	4	1	1	0	2	03 May 2014 11:08	03 May 2014	GD
3	741 DP187 Malawi, Kalembo	22 Apr 2014	320	320	100	320	100	605	549	91	49	8	7	1	0	0	1	04 May 2014 14:25	04 May 2014	GM
4	746 DP187 Malawi, Kankao	02 May 2014	320	320	100	320	100	604	522	86	66	11	16	3	0	0	3	07 May 2014 09:15	07 May 2014	GD
5	734 DP187 Malawi, Kwitanda	08 May 2014	300	300	100	300	100	453	391	86	45	10	9	2	8	2	4	04 May 2014 16:22	04 May 2014	GD
6	739 DP187 Malawi, Mbera	06 May 2014	520	520	100	520	100	946	833	88	91	10	16	2	6	1	2	09 May 2014 02:23	09 May 2014	PS
7	740 DP187 Malawi, Mwima	24 Apr 2014	300	300	100	300	100	546	507	93	27	5	7	1	5	1	2	04 May 2014 12:18	04 May 2014	PS
8	735 DP187 Malawi, Namandolo	25 Apr 2014	370	370	100	367	99	777	637	82	100	13	22	3	18	2	5	16 May 2014 08:45	16 May 2014	GM
9	742 DP187 Malawi, Nandumbo	22 May 2014	210	210	100	210	100	390	328	84	45	12	13	3	4	1	4	09 May 2014 12:13	09 May 2014	GM
10	745 DP187 Malawi, Phalula	01 May 2014	280	280	100	280	100	543	460	85	67	12	13	2	3	1	3	07 May 2014 09:13	07 May 2014	GM
11	744 DP187 Malawi, Phimbi	30 Apr 2014	310	310	100	310	100	547	433	79	93	17	11	2	10	2	4	09 May 2014 12:39	09 May 2014	PS
12	743 DP187 Malawi, Ulongwe	26 Apr 2014	180	182	101	181	99	277	242	87	21	8	10	4	4	1	5	06 May 2014 12:31	06 May 2014	PS
13	737 DP187 Malawi, Utale I	30 Apr 2014	180	184	102	184	100	370	293	79	64	17	11	3	2	1	4	09 May 2014 13:01	09 May 2014	GD
14	738 DP187 Malawi, Utale II	06 May 2014	200	200	100	200	100	368	316	86	38	10	12	3	2	1	4	03 May 2014 10:51	03 May 2014	GD

Forms Signed **0%** > **90%** > **95+%**
 Nets Hung **0%** > **82%** > **90+%**
 Nets Present Not Hung **100%** > **11%** > **6-%**
 Nets Missing **100%** > **6%** > **3-%**
 Worn Out **100%** > **2%** > **1-%**

The green, orange and red traffic-light system indicates 'very good', 'OK' and 'recommend action is taken'. They are based on an educated assessment of what figures would represent very good, OK, and not so good use and condition of the nets. We are currently liaising with a number of individuals to gain further advice on where these bands should fall.

<http://www.AgainstMalaria.com/Distributions/Malawi/BalakaDistrict2013>



Post-Distribution Check-Up (PDCU) for Balaka, Malawi: @ 6-months (Apr 2014)

Accounting for AMF Nets			Condition of the AMF nets						Usage of the nets				Miscellaneous data				Comments		Activity		Errors			
Job ID	Job	Total	AMF Nets						AMF Olyset nets						AMF Permantet nets									
			Very Good		OK		Poor		Worn out		Very Good		OK		Poor		Very Good		OK		Poor			
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%			
		7,005	4,899	70	1,758	25	279	4	69	1	6,927	4,894	71	1,755	25	278	4	8	4	50	3	38	1	12
1	731 DP187 Malawi, Balaka District Hospital	1148	898	78	242	21	2	0	6	1	1,142	898	79	242	21	2	0	0	0	0	0	0	0	0
2	733 DP187 Malawi, Chiyendausiku	284	168	59	109	38	6	2	1	0	293	168	59	109	39	6	2	0	0	0	0	0	0	0
3	741 DP187 Malawi, Kalembo	549	377	69	109	20	63	11	0	0	546	376	69	107	20	63	12	3	1	33	2	67	0	0
4	746 DP187 Malawi, Kankao	522	356	68	165	32	1	0	0	0	521	355	68	165	32	1	0	0	0	0	0	0	0	0
5	734 DP187 Malawi, Kwitanda	399	299	75	73	18	19	5	8	2	391	299	76	73	19	19	5	0	0	0	0	0	0	0
6	739 DP187 Malawi, Mbera	839	639	76	193	23	1	0	6	1	832	639	77	192	23	1	0	1	0	0	1	100	0	0
7	740 DP187 Malawi, Mwima	512	358	70	109	21	40	8	5	1	506	357	71	109	22	40	8	1	1	100	0	0	0	0
8	735 DP187 Malawi, Namandolo	655	454	69	149	23	34	5	18	3	636	454	71	149	23	33	5	1	0	0	0	0	1	100
9	742 DP187 Malawi, Nandumbo	332	171	52	96	29	61	18	4	1	328	171	52	96	29	61	19	0	0	0	0	0	0	0
10	745 DP187 Malawi, Phalula	463	345	75	115	25	0	0	3	1	459	344	75	115	25	0	0	1	1	100	0	0	0	0
11	744 DP187 Malawi, Phimbi	443	256	58	172	39	5	1	10	2	433	256	59	172	40	5	1	0	0	0	0	0	0	0
12	743 DP187 Malawi, Ulongwe	246	155	63	61	25	26	11	4	2	241	154	64	61	25	26	11	1	1	100	0	0	0	0
13	737 DP187 Malawi, Utale I	295	228	77	60	20	5	2	2	1	293	228	78	60	20	5	2	0	0	0	0	0	0	0
14	738 DP187 Malawi, Utale II	318	195	61	105	33	16	5	2	1	316	195	62	105	33	16	5	0	0	0	0	0	0	0

Very Good **0%** > **86%** > **93+%**
 OK **100%** > **11%** > **5-%**
 Poor **100%** > **1%** > **1-%**
 Worn Out **100%** > **2%** > **1-%**

The green, orange and red traffic-light system indicates 'very good', 'OK' and 'recommend action is taken'. They are based on an educated assessment of what figures would represent very good, OK, and not so good use and condition of the nets. We are currently liaising with a number of individuals to gain further advice on where these bands should fall.



Post-Distribution Check-Up (PDCU) for Balaka, Malawi: @ 6-months (Apr 2014)

			Nets Used				Household used				People sleeping under nets								Coverage						
			Correctly		Not Correctly		Correctly		Not Correctly		Children under 5		Children		Pregnant		Adults		Total	Sleeping spaces			People		
Job ID	Job		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	#	Covered	%	#	Covered	%
			8,025	94	486	6	4,245	94	291	6	3,511	19	7,066	38	164	1	17,735	42	18,476	9,623	8,511	88	20,448	18,476	90
1	731	DP187 Malawi, Balaka District Hospital	1,416	95	75	5	816	94	54	6	635	19	1,112	34	29	1	1,507	46	3,283	1,849	1,491	81	3,947	3,283	83
2	733	DP187 Malawi, Chiyendausiku	330	99	5	1	167	98	3	2	124	18	259	37	9	1	308	44	700	344	335	97	720	700	97
3	741	DP187 Malawi, Kalembo	590	93	42	7	299	93	21	7	254	19	555	41	5	0	526	39	1,340	707	632	89	1,450	1,340	92
4	746	DP187 Malawi, Kankao	603	98	12	2	308	96	12	4	226	17	522	40	12	1	552	42	1,312	685	615	90	1,430	1,312	92
5	734	DP187 Malawi, Kwitanda	543	99	3	1	298	99	2	1	242	20	462	39	17	1	478	40	1,199	629	546	87	1,364	1,199	88
6	739	DP187 Malawi, Mbera	903	94	56	6	484	93	36	7	433	20	772	36	21	1	903	42	2,129	1,076	959	89	2,371	2,129	90
7	740	DP187 Malawi, Mwima	505	84	99	16	255	85	45	15	243	19	487	38	19	2	517	41	1,266	643	604	94	1,318	1,266	96
8	735	DP187 Malawi, Namandolo	759	95	36	5	346	94	24	6	251	15	758	47	11	1	610	37	1,630	879	795	90	1,768	1,630	92
9	742	DP187 Malawi, Nandumbo	331	86	56	14	179	85	31	15	169	20	311	37	7	1	355	42	842	428	387	90	913	842	92
10	745	DP187 Malawi, Phalula	536	97	17	3	269	96	11	4	240	19	486	39	8	1	503	41	1,237	584	553	95	1,287	1,237	96
11	744	DP187 Malawi, Phimbi	492	90	56	10	272	88	38	12	238	20	443	37	10	1	509	42	1,200	628	548	87	1,332	1,200	90
12	743	DP187 Malawi, Ulongwe	280	92	25	8	170	93	12	7	139	19	301	41	4	1	287	39	731	366	305	83	828	731	88
13	737	DP187 Malawi, Utale I	367	100	0	0	184	100	0	0	155	20	288	36	4	1	343	43	790	377	367	97	807	790	98
14	738	DP187 Malawi, Utale II	370	99	4	1	198	99	2	1	162	20	310	38	8	1	337	41	817	428	374	87	913	817	89

Used correctly **0% > 85% > 95+%**
 Coverage **0% > 66% > 85+%**

The green, orange and red traffic-light system indicates 'very good', 'OK' and 'recommend action is taken'. They are based on an educated assessment of what figures would represent very good, OK, and not so good use and condition of the nets. We are currently liaising with a number of individuals to gain further advice on where these bands should fall.



Post-Distribution Check-Up (PDCU) for Balaka, Malawi: @ 6-months (Apr 2014)

		Accounting for AMF Nets		Condition of the AMF nets		Usage of the nets		Miscellaneous data			Comments	Activity	Errors	
		Malaria in last month				Type of AMF nets			Type of all nets					
		Households		People		Oly	Perm	?	Oly	Perm	?			
Job ID	Job	#	%	#	%	#	#	#	#	#	#	#	#	
		1948	43	2,784	14	6,927	8	1	7,984	484	43			
1	731 DP187 Malawi, Balaka District Hospital	383	44	516	13	1,142	0	0	1,142	0	0			
2	733 DP187 Malawi, Chiyendausiku	71	42	101	14	283	0	0	283	0	0			
3	741 DP187 Malawi, Kalembo	176	55	296	20	546	3	0	546	3	0			
4	746 DP187 Malawi, Kankao	110	34	144	10	521	0	1	521	0	1			
5	734 DP187 Malawi, Kwitanda	118	39	151	11	391	0	0	391	0	0			
6	739 DP187 Malawi, Mbera	170	33	217	9	832	1	0	832	1	0			
7	740 DP187 Malawi, Mwima	149	50	225	17	506	1	0	506	1	0			
8	735 DP187 Malawi, Namandolo	176	48	299	17	636	1	0	636	1	0			
9	742 DP187 Malawi, Nandumbo	140	67	191	21	328	0	0	328	0	0			
10	745 DP187 Malawi, Phalula	75	27	96	7	459	1	0	459	1	0			
11	744 DP187 Malawi, Phimbi	126	41	157	12	433	0	0	433	0	0			
12	743 DP187 Malawi, Ulongwe	122	67	217	26	241	1	0	241	1	0			
13	737 DP187 Malawi, Utale I	54	29	67	8	293	0	0	293	0	0			
14	738 DP187 Malawi, Utale II	78	39	107	12	316	0	0	316	0	0			