



Dedza District, Malawi

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

June 2015

REPORT

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1. Executive Summary

This report represents the results of the 6 months PDCU conducted in June 2015. Data was gathered in 33 of the district's 34 Health Centre Areas (HCAs). 9,100 households (HH) were randomly selected and visited unannounced. This check-up was carried out at 8 months, rather than 6 months, post-distribution due to planning delays.

At 8 months post-distribution, sleeping space coverage with a viable net was 93%.

Net hang-up, condition and 'net present but not hung' information for each of the 33 HCAs has been passed to Dedza'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 budget cost was US\$12,849 equal to US\$1.41 per household visited (or \$0.052 per net originally distributed). The actual cost are still being collated and this document will be updated to include them in the coming weeks.

2. Background

Dedza District is one of Malawi's 28 districts and has a population of 792,400 people and 186,100 households. A universal coverage distribution of 245,489 nets was carried out from September to November 2014.

As an impact-monitoring tool of net usage and net condition, a post-distribution check-up (PDCU) is carried out at 6-monthly intervals after the distribution.

3. Results

- 9,100 HHs visited (5% of the HHs that received nets in the original distribution)
- 15,676 nets checked
- 93% of the nets were found to be hung and in use. This is a very good hang-up level.
- 57% of the nets were found to be in 'very good condition' (fewer than 2 holes of up to 2cm in size), 36% 'Good' (fewer than 10 small holes on them) and 6% in 'viable' condition, (although with more than 10 holes or 1 hole larger than 10 cm), while 1% were worn out. The viable sleeping space coverage was therefore 91%.
- The survey found 18% of those using the nets were children under 5 years, 36% were children over 5, 1% were pregnant women and 45% adults.
- Condition of the nets compared to expectation: Good.

See Appendix 2 for detailed results.

Comment

The data collected showed high levels of net use with a nets hung range of 97% to 87% with only one area below 90% sleeping space coverage. The reduction in sleeping space coverage over the first eight months post-distribution is about 0.5% per month which is very good. If we are to have any concern about the results, and it is a modest one at this stage, it would be the condition of the nets with the percentages for very good – good – viable being 57% - 36% - 6% respectively as an excellent result would be closer to 75% - 20% - 5% at this stage. This may mean we see lower than expected coverage levels at 24 months as more nets than hoped

for become no longer viable. The CU team did a very good job of swift data entry and error checking albeit error levels were very low indeed and we congratulate the CU team for that and are very appreciative of their work.

Malawi, Dedza District - Net usage and condition post-distribution Initial distribution: Universal coverage, 245,489 LLNs, September to November 2014										
		Net usage			Net condition					
PDCU	Actual occurrence	Hung (%)	Present, not hung (%)	Missing or Worn Out (%)	Very good (%)	Good (%)	Viable (%)	Subtotal viable or above (%)	Worn Out or Missing (%)	Viable Sleeping space coverage (%)
6 months	8 months	94	4	2	56	35	6	97	2	91%
12 months										
18 months										
24 months										
30 months										

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

From lessons learned from earlier PDCUs, it was decided to continue with the focused team of 10 data collectors rather than have a specific number of data collectors from each HCA.

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 thirty 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 organizing and managing the data collection phase.

Two 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.

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 in May 2015, conducted by CU and MOH Staff (Malaria Coordinator (MC) and Assistant District Environmental Health Officer (ADEHO)).

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

Data collectors (10): The individuals involved were selected from within the district. Orientation included a) detailed explanation of the PDCU objectives and the logic behind the data collection form (net condition, type of nets, what sleeping spaces are, what is meant by hung nets and noting hung nets against AMF nets received) and b) a pre-test exercise filling in sample forms and asking questions to ensure a clear understanding of the information that should be collected and how.

Village selection and household selection

It was decided to collect data from 5% of households in 33 HCA, which meant a different number of households in each HCCA as per individual health facility populations.

Between 100 and 500 households were randomly selected from each of the selected four to twenty villages, depending on the HCA, 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 September-November 2014 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

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 household heads were interviewed upon giving consent and signing 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 30 HHs/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 three 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 save 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 Balaka (Balaka PDCU-12) by AMF meant the data entry proceeded with almost no errors. This reduced the error-checking phase to almost nothing.

5. Finances

The budget was MK 5,139,425.00 (US\$ 12,849). MK = Malawi Kwacha.

Budget vs actual costs (USD)

ITEM	BUDGET COST	ACTUAL COST	DELTA
BRIEFING/ORIENTATION	61,075	TBD	%
DATA COLLECTION	4,314,000	TBD	%
DATA ENTRY	360,000	TBD	%
STATIONARY	143,350	TBD	%
MANAGEMENT	261,000	TBD	%
GRAND TOTAL (MK)	MK 5,139,425	TBD	%
GRAND TOTAL (US\$)	(US\$) 12,849	(US\$)	%

The actual costs are being collated and will be added shortly and this document updated.

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.
- One of the CU vehicles transporting data collectors and the Malaria Coordinator was involved in an accident during the final week of data collection, resulting in the total loss of the vehicle as well as injuries to the staff members and the Malaria Coordinator. This accident delayed the data collection exercise as the injured staff members required time off to recover from the physical and psychological trauma. A replacement vehicle had to be arranged in order to proceed with the activities.

Note: The staff injured have all recovered fully. The Malaria Coordinator suffered minor injuries that did not require medical treatment. All were able to resume work after a few days off.

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 PDCUs.
- Likewise, the same data entry clerks should be involved in the next PDCUs as they are already familiar with the system.

7. Acknowledgements

Special acknowledgement should be made to the Dedza 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

DATA COLLECTION PLAN																					
		VILLAGES																			
DA*	HEALTH CENTRE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	KACHINDAMOTO	CHITUKULA	MWASINJA	GALUANENE/1	MLANGENI	MSUNDUZENI															
	MGANJA	CHIPEZA	JAMES	MGANJA	KHWEKWERERE	MKWAIRA															
2	NAKALAZI	CHIKAKUDA	DUNGEYA	KADZAKALOWA	KANJIRAWAYA	KASAKALA	NGWAZI	KAMUSI	MAYOLA	MBANDAMBAND	WENDERERA										
3	MTAKATAKA	CHEUNULU	KAKHOME	KUDOOLE	SONGWE	LIKHWECHE	KABOTA	MKWAIRA	HELANI	MGAWI	KAMZATI										
4	MUA	KAFULAMA	TEMBE/TEMBE	MAIWADZA 1	MLUNGOTI	KALINDZA	KANCHAMBA	BIWANALI	NJOLO	MADZIANSAISI	MAIWADZA 2										
5	KAUNDU	JOSOFATI	KAPIRI	LUMWIRA 2	CHEJERO	CHIKOLEZA	SITOLO 1	MCHANJA	KABULIKA 2	MADZIANCHLU	NDINDI										
6	GOLOMOTI	MASINJA	MKHARIRA	KAZEMBE	ABRAHAM	KACHEMBA	NGWIMBI	KAPHUKA	LIWENGWA	MKHUMBI	MTANDAMAHA	BIZALE	CHIKOLELE	FESO	RODRECK	TSINYANI	YOSEFE	MSAMALA	PITALA	KABULIKA 2	KANKHOBWE
7	MGANJA	CHIPEZA	JAMES	MGANJA	KHWEKWERERE	MKWAIRA															
	MPHATI	KABABU	LEMBANI	KALUMBA	KADZABWANI	GEZA	CHITHASA														
8	DZINDEVU	CHILASAMONGO	KAPESI	LUWEYA	MALUWA 2	KANKUNDI	SADZU	SUMBI	JAILOSI	KANYENDA	MPOTOLA	MATENJE	VYAMA 1	MADZUMBI	CHWAMBA	MZOOLA					
9	KANYAMA	MBOZI	MKOMERKO	CHING'AMBA	KUMAANI	KHONGONI	MKUMPHIRA	MAGUNDITSA	CHISIKILI	KANYAMA	KASANKHA										
10	KALULU	LINGA	MPIMA	MNOLO	KAGUNDU	NYANGU	MTENJE 2														
	POLICE COLLEGE	CHIKAOLA	KAMALA	MALILI	KUDZAWA																
11	CHIKUSE	SITIMA	MPANGO	NYUNDO	MTIWE	NGONDO	KUMBANDE	MPOZA	KAPUMPHA	DOWERA	MPOKOSA	MWAPE	CHILUZI								
12	MJINI	GWENGWE	KAUNDIKA	KAWIRE	KUMCHINZA	KAWOCHE	KAZEMBE	MPOMBE													
13	CHIPHWANYA	CHIWAYU	CHIPHWANYA	CHINKOTA	KAOLE	KAFWAFWA	GWENGWE														
14	MAYANI	MTAWANGA	MTENIWENDE	KALAMBO	LODZANYAMA	MDZINGA	NSEU	CHAMBALA	KABUNGWE	KAMGUNDA	KAYINJA										
15	KAPHUKA	BIWI-JAMES	CHAMADENGA	CHILAKALAKA	KAPHUKA	KUMAANI	MKANDA	NIJWA	NYANGU	CHAPULUMUJA	KALINAYE	NSATO	ASIDI	CHINDENGA	MALINDIMA	MWANYIMBO	MWANZIM	CHIKWASA	CHISANGW	CHIMASULU	KOPOKA
16	TSOYO	CHAWALA	KUCHOMBE	MBILIMA	MNKHUMBWA	CHIKUMBA	LYNYAMA	KAYESEA	MWILI	CHAUMA	MATIPA										
17	KASINA	KALONGA	KUMAPANDA	NACHIKUNGA	KHWAKHWA	MASEWERA	MITAWA	MTHAWANTHJ	KULUWINA	MBERA	KOKOLO	TUMBWE	CHIUTSA	TAWA	KAGHOME SOL	NJOLO					
18	MDEZA	CHAO	MCHAKA	KHOMANI	CHIMAMBA	MOTHELA	CHINCHERE	MASINJA	MLINGA												
19	CHITOWO H/C	MAGWAZA	PHUNDA	KAPHINDA	KAGONG'O	KAWERENGA	MAZENERA	NAPULU 2	GALANGA	KANGULU	NAPULU 1	KADAWOOLOKA	VTONTHO	MWENJE	KHANGANYA	CHISERA					
20	MAONDE	FOSA	KADZOMBE	PEMBA 2	TAMPANGANI	GUNDUZE	KAUNDA	MKHOMAANTHU	KALIOZI	THAMBOLAGWA	KAMENYA										
21	LOBI	CHIPHE	KAMALA	CHIMKUNDA	CHOPENGA	MAFEDWE	NANSETA	CHITIKULA	LOBI T/C	CHIKUMBA	MAGALANGA										
22	MTENDERE	KACHULE	NAMBILIKIRA	DAMBO	HUWA	JENYA	KAPAKASA	GUNDADZUWA	KACHIKOPA	KAMONGA	NABWENJE	KAMBUZI	NYOMBE	KACHIFEYA	CHMAMBA	KANOLO	CHIWAKA	KUTERELA	MTAKATI	CHIMBIYA	KIUWI
23	KAFERE	MSEKADALA	JENTCHERERE	TSUMBI	CHIGENDERE	MOFFATI	NAMAKASU	CHIDUWALE	DIAMPHWE	KANDUTA	KUDE										
24	MIKONDO	KAMBADZA	DIVITE	GWEDDE	MSUZUMIRE	GOERGE MAKOTI	KUMBUKA	CHIKWATI	MIKONDO	GABULI	KAFUMBI										
25	MATUMBA	KAMKODCLA	KASESE	CHEMBE	MKALADZULU	YOBE	CHAUWA	CHISAMBA	CHIMPHANGU	KULUWEYA	MOFFATI	NIUCHI	CHAFUMBWA	KANJINGA	MATUMBA	KUMITENGO	ZIPUSA	FOLOMANI	KUTSANJA	MITONDO	MOSES
26	CHIMOTO	KAMWENDO	YONANI	CHILIKUTALI	CHIMALIRA	MAPONYA	MTONGA	NUONJA	KASONDA	KAUMA	KAFOTOKOZA	MTANTHIRA	STENARA	MKUTA	CHAMBWE	CHIBWEZO					
27	KANYEZI	KANYEZI	ZAMADENGA	CHAMANGWANE	CHIMPIKIZO	KACHIRA MADZI	CHIDEWERE	MALUWA	MLONGOTI	KANSING'INDI	RICHARD	KASEPA	NIJEREMA	KAMTUKULE	KASWAZI	KUKHOLONGA					
28	CHONGONI	CHIPHAZI	NDUWA	KAKHOMBA	MAGWALAGWA	MKHALAPADZU	CHIMWALA	MPALALE 2	SAOMBA MANJA	DZAMERABOWA	MADAUDAU										
29	MPHUNZI	CHAKACHADZA	CHIPHYE	CHITIMBE	YESAYA	CHAMBWE	CHINTHANKHWA	MKUTU	MYANGA	PINJI	TOMASI										
	MLANGALI	MLANGALI	KAUNDU	CHIFISI	MADAUDU	MTERELA	LAMISTENI	SIRA	GANDENI	SUKASUKA	NIUCHI										
30	BEMBEKE	KAPENUKA	KADAMMANJA	MKUTU	ALBERTO	MATENJE	KANGANYA	CHINKOMBERO 2	KALILOMBE	GONONDA	NADZIKHALE 2										

Appendix 2 - Detailed PDCU-06 results (4 pages)

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 6-months (May 2015)

Presence of AMF Nets																				Condition of AMF nets	Usage of the nets	Miscellaneous data	Comments	Activity	Errors
		Households			Forms Signed		Nets received			Hung			Present Not Hung		Missing		Worn out/ not usable		M+ WO						
Job ID	Job	Date	Target	#	%	#	%	#	#	%	#	%	#	%	#	%	#	%	%	Last entry on					by
		14 Jul 2015	9,100	9,100	100	9,096	100	15,676	14,653	93	664	4	154	1	205	1	2								
1	854 DP188 Malawi, Kaundu	07 Jun 2015	250	250	100	250	100	431	417	97	7	2	4	1	3	1	2	18 Jun 2015	16:14	18 Jun 2015					Charles Minofu
2	847 DP188 Malawi, Chimoto	14 Jul 2015	375	375	100	375	100	574	555	97	17	3	1	0	1	0	0	25 Jul 2015	13:56	7 days ago					Susan Kapanga
3	837 DP188 Malawi, Chongoni	09 Jul 2015	250	250	100	250	100	474	457	96	15	3	2	0	0	0	0	22 Jul 2015	14:29	22 Jul 2015					Richard Matunda
4	842 DP188 Malawi, Lobi	08 Jul 2015	250	250	100	250	100	435	419	96	9	2	2	0	5	1	2	17 Jul 2015	17:48	17 Jul 2015					Richard Matunda
5	849 DP188 Malawi, Kanyezi	07 Jul 2015	375	375	100	374	100	636	607	95	19	3	1	0	9	1	2	17 Jul 2015	23:09	17 Jul 2015					Charles Minofu
6	855 DP188 Malawi, Mganja	01 Jul 2015	125	125	100	125	100	189	180	95	7	4	0	0	2	1	1	22 Jul 2015	14:00	22 Jul 2015					Richard Matunda
7	852 DP188 Malawi, Golomoti	01 Jun 2015	500	500	100	500	100	877	834	95	31	4	3	0	9	1	1	21 Jul 2015	08:48	21 Jul 2015					Susan Kapanga
8	829 DP188 Malawi, Kalulu	10 Jun 2015	150	150	100	150	100	218	207	95	6	3	0	0	5	2	2	18 Jun 2015	13:06	18 Jun 2015					Charles Minofu
9	839 DP188 Malawi, Mlangali	08 Jul 2015	250	250	100	250	100	369	350	95	4	1	1	0	14	4	4	17 Jul 2015	21:03	17 Jul 2015					Susan Kapanga
10	834 DP188 Malawi, Mjini	15 Jun 2015	175	175	100	175	100	330	312	95	15	5	1	0	2	1	1	30 Jun 2015	01:18	30 Jun 2015					Charles Minofu
11	836 DP188 Malawi, Bembeke	09 Jul 2015	250	250	100	250	100	419	396	95	16	4	6	1	1	0	2	15 Jul 2015	20:39	15 Jul 2015					Richard Matunda
12	845 DP188 Malawi, Mphati	08 Jul 2015	150	150	100	149	99	228	215	94	8	4	1	0	4	2	2	17 Jul 2015	22:44	17 Jul 2015					Charles Minofu
13	827 DP188 Malawi, Chipwanya	15 Jun 2015	150	150	100	150	100	251	236	94	7	3	1	0	7	3	3	21 Jul 2015	09:09	21 Jul 2015					Susan Kapanga
14	858 DP188 Malawi, Nakalanzi	27 May 2015	250	250	100	250	100	443	416	94	14	3	7	2	6	1	3	22 Jul 2015	14:23	22 Jul 2015					Charles Minofu
15	846 DP188 Malawi, Mtendere	06 Jul 2015	500	500	100	500	100	931	873	94	43	5	6	1	9	1	2	21 Jul 2015	07:35	21 Jul 2015					Susan Kapanga
16	850 DP188 Malawi, Matumba	10 Jul 2015	500	500	100	500	100	892	836	94	45	5	4	0	7	1	1	01 Jul 2015	22:31	01 Jul 2015					Charles Minofu
17	833 DP188 Malawi, Mayani	08 Jun 2015	250	250	100	250	100	410	383	93	14	3	7	2	6	1	3	25 Jul 2015	14:01	7 days ago					Susan Kapanga
18	843 DP188 Malawi, Maonde	23 Jun 2015	250	250	100	250	100	382	356	93	16	4	6	2	4	1	3	29 Jun 2015	21:56	29 Jun 2015					Richard Matunda
19	859 DP188 Malawi, Police College	29 May 2015	100	100	100	100	100	190	177	93	10	5	2	1	1	1	2	25 Jul 2015	14:36	7 days ago					Susan Kapanga
20	857 DP188 Malawi, Mua	29 May 2015	250	250	100	249	100	448	417	93	16	4	1	0	14	3	3	25 Jul 2015	14:32	7 days ago					Susan Kapanga
21	844 DP188 Malawi, Mdeza	07 Jul 2015	200	200	100	200	100	375	349	93	19	5	4	1	3	1	2	23 Jul 2015	05:03	23 Jul 2015					Richard Matunda
22	835 DP188 Malawi, Tsoyo	11 Jun 2015	250	250	100	250	100	414	385	93	12	3	9	2	8	2	4	15 Jun 2015	12:33	15 Jun 2015					Susan Kapanga
23	841 DP188 Malawi, Chitovo	06 Jul 2015	375	375	100	375	100	614	569	93	31	5	9	1	5	1	2	02 Jul 2015	07:34	02 Jul 2015					Susan Kapanga
24	856 DP188 Malawi, Mtakatika	28 May 2015	250	250	100	250	100	434	402	93	14	3	10	2	8	2	4	22 Jul 2015	14:07	22 Jul 2015					Richard Matunda
25	840 DP188 Malawi, Mphurzi	08 Jul 2015	250	250	100	250	100	418	387	93	16	4	6	1	9	2	4	15 Jul 2015	14:20	15 Jul 2015					Richard Matunda
26	830 DP188 Malawi, Kanyama	04 Jun 2015	250	250	100	250	100	403	370	92	18	4	7	2	8	2	4	18 Jun 2015	16:13	18 Jun 2015					Charles Minofu
27	831 DP188 Malawi, Kapuka	08 Jun 2015	500	500	100	500	100	900	825	92	44	5	13	1	18	2	3	23 Jul 2015	07:31	23 Jul 2015					Charles Minofu
28	848 DP188 Malawi, Kafere	25 Jun 2015	250	250	100	250	100	442	404	91	26	6	7	2	5	1	3	13 Jul 2015	02:08	13 Jul 2015					Richard Matunda
29	851 DP188 Malawi, Mikondo	26 Jun 2015	250	250	100	250	100	429	392	91	34	8	1	0	2	0	1	30 Jun 2015	02:18	30 Jun 2015					Richard Matunda
30	828 DP188 Malawi, Dzindevu	13 Jun 2015	375	375	100	374	100	707	646	91	46	7	12	2	3	0	2	18 Jul 2015	09:09	18 Jul 2015					Richard Matunda
31	832 DP188 Malawi, Kasina	12 Jun 2015	375	375	100	375	100	623	569	91	44	7	5	1	5	1	2	22 Jun 2015	10:51	22 Jun 2015					Richard Matunda
32	826 DP188 Malawi, Chikuse	05 Jun 2015	300	300	100	300	100	565	516	91	35	6	9	2	5	1	2	18 Jun 2015	15:40	18 Jun 2015					Richard Matunda
33	853 DP188 Malawi, Kachindamoto	27 May 2015	125	125	100	125	100	225	196	87	6	3	6	3	17	8	10	18 Jul 2015	09:53	18 Jul 2015					Richard Matunda

Key

Forms Signed **0%** > **95%** > **96%** > **98%+** **Green** - **Very good**

Nets Hung **0%** > **73%** > **79%** > **85%+** **Light Green** - **Good**

Nets Present Not Hung **100%** > **18%** > **16%** > **10%** **Orange** - **Acceptable**

Nets Missing (M) **100%** > **7%** > **5%** > **4%** **Red** - **Recommend action is taken**

Nets Worn Out (WO) **100%** > **2%** > **0%** > **0%**

M + WO **100%** > **2%** > **0%** > **0%**

Explanation

The green, light green, orange and red traffic-light system indicates **Very Good**, **Good**, **Acceptable** and **Recommend action is taken**. This is an educated estimate by AMF staff and is not presented as a scientific assessment. They are based on a review of research studies and other data which suggest a typical hang-up (net use) and degradation (net condition) profile for nets. We have tried to be conservative in setting the grade boundaries to try and avoid overstating how well the nets may be performing. We are currently liaising with advisors to gain further advice on where these bands should fall.

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 6-months (May 2015)

Presence of AMF Nets			Condition of AMF nets			Usage of the nets			Miscellaneous data			Comments			Activity			Errors																
Job ID Job			AMF Nets										AMF Olyset nets										AMF Peranet nets											
			Very Good			Good		Viable		Worn out		Rating	Very Good			Good		Viable		Worn out		Rating	Very Good			Good		Viable		Worn out		Rating		
			Total	#	%	#	%	#	%	#	%	Rating	Total	#	%	#	%	#	%	#	%	Rating	Total	#	%	#	%	#	%	Rating				
			14,855	8,504	57	5,298	36	848	6	205	1	48		7,663	4,269	56	2,850	37	438	6	106	1	48		7,186	4,231	59	2,446	34	410	6	99	1	48
1	859	DP188 Malawi, Police College	178	102	57	47	26	28	16	1	1	48		149	97	65	30	20	21	14	1	1	49		29	5	17	17	59	7	24	0	0	41
2	857	DP188 Malawi, Mua	431	199	46	169	39	49	11	14	3	44		337	165	49	122	36	39	12	11	3	45		94	34	36	47	50	10	11	3	3	43
3	833	DP188 Malawi, Mayani	389	198	51	166	43	19	5	6	2	47		182	93	51	78	43	8	4	3	2	47		204	103	50	87	43	11	5	3	1	47
4	847	DP188 Malawi, Chimoto	556	349	63	176	32	30	5	1	0	50		237	145	61	70	30	22	9	0	0	50		319	204	64	106	33	8	3	1	0	52
5	831	DP188 Malawi, Kaphuka	840	472	56	285	34	65	8	18	2	47		601	325	54	220	37	43	7	13	2	47		239	147	62	65	27	22	9	5	2	48
6	844	DP188 Malawi, Mdeza	352	165	47	168	48	16	5	3	1	47		125	55	44	68	54	1	1	1	1	48		227	110	48	100	44	15	7	2	1	47
7	837	DP188 Malawi, Chongoni	457	256	56	169	37	32	7	0		49		188	102	54	81	43	5	3	0	0	50		269	154	57	88	33	27	10	0	0	49
8	858	DP188 Malawi, Nakalanzi	422	261	62	103	24	52	12	6	1	48		309	192	62	78	25	35	11	4	1	48		113	69	61	25	22	17	15	2	2	47
9	856	DP188 Malawi, Mtakataka	410	185	45	178	43	39	10	8	2	46		307	139	45	139	45	23	7	6	2	46		103	46	45	39	38	16	16	2	2	45
10	855	DP188 Malawi, Mganja	182	104	57	66	36	10	5	2	1	49		100	54	54	41	41	4	4	1	1	48		82	50	61	25	30	6	7	1	1	49
11	827	DP188 Malawi, Chiphwanya	243	145	60	75	31	16	7	2	3	47		138	84	61	44	32	6	4	4	3	48		105	61	58	31	30	10	10	3	3	47
12	852	DP188 Malawi, Golomoti	843	469	56	307	36	58	7	9	1	48		476	254	53	181	38	36	8	5	1	48		367	215	59	126	34	22	6	4	1	49
13	846	DP188 Malawi, Mtendere	882	502	57	329	37	42	5	9	1	49		318	149	47	148	47	18	6	3	1	47		564	353	63	181	32	24	4	6	1	49
14	853	DP188 Malawi, Kachindamoto	213	92	43	74	35	30	14	17	8	40		180	87	48	55	31	24	13	14	8	40		33	5	15	19	58	6	18	3	9	35
15	828	DP188 Malawi, Dzindevu	649	411	63	214	33	21	3	3	0	51		340	198	58	133	39	7	2	2	1	50		308	212	69	81	26	14	5	1	0	53
16	849	DP188 Malawi, Kanyezi	616	387	63	191	31	29	5	9	1	49		227	131	58	85	37	8	4	3	1	49		389	256	66	106	27	21	5	6	2	49
17	845	DP188 Malawi, Mphati	219	115	53	91	42	9	4	4	2	47		68	26	38	40	59	1	1	1	1	46		151	89	59	51	34	8	5	3	2	48
18	839	DP188 Malawi, Mlangali	364	225	62	117	32	8	2	14	4	47		264	171	65	82	31	1	0	10	4	48		100	54	54	35	35	7	7	4	4	45
19	842	DP188 Malawi, Lobi	424	223	53	169	40	27	6	5	1	48		149	69	46	71	48	7	5	2	1	47		275	154	56	98	36	20	7	3	1	48
20	836	DP188 Malawi, Bembeke	397	274	69	115	29	7	2	1	0	54		206	150	73	53	26	2	1	1	0	55		191	124	65	62	32	5	3	0	0	53
21	840	DP188 Malawi, Mphunzi	396	246	62	125	32	16	4	9	2	48		229	147	64	72	31	5	2	5	2	49		167	99	59	53	32	11	7	4	2	47
22	848	DP188 Malawi, Kafere	409	244	60	154	38	6	1	5	1	49		194	96	49	91	47	5	3	2	1	48		215	148	69	63	29	1	0	3	1	52
23	841	DP188 Malawi, Chitowo	574	342	60	213	37	14	2	5	1	49		213	122	57	82	38	7	3	2	1	49		361	220	61	131	36	7	2	3	1	50
24	850	DP188 Malawi, Matumba	843	507	60	308	37	21	2	7	1	50		304	182	60	110	36	9	3	3	1	49		539	325	60	198	37	12	2	4	1	50
25	851	DP188 Malawi, Mikondo	394	241	61	141	36	10	3	2	1	50		176	98	56	74	42	3	2	1	1	49		217	143	66	66	30	7	3	1	0	52
26	834	DP188 Malawi, Mjini	314	157	50	137	44	18	6	2	1	48		194	92	47	91	47	10	5	1	1	48		120	65	54	46	38	8	7	1	1	48
27	843	DP188 Malawi, Maonde	360	192	53	144	40	20	6	4	1	48		112	52	46	51	46	8	7	1	1	47		248	140	56	93	38	12	5	3	1	48
28	832	DP188 Malawi, Kasina	574	325	57	216	38	28	5	5	1	49		203	107	53	85	42	9	4	2	1	48		371	218	59	131	35	19	5	3	1	49
29	854	DP188 Malawi, Kaundu	420	192	46	184	44	41	10	3	1	47		241	103	43	109	45	27	11	2	1	46		179	89	50	75	42	14	8	1	1	48
30	830	DP188 Malawi, Kanyama	378	232	61	121	32	17	4	8	2	48		257	166	65	76	30	10	4	5	2	49		120	65	54	45	38	7	6	3	3	47
31	826	DP188 Malawi, Chikuse	521	357	69	133	26	26	5	5	1	51		320	235	73	66	21	16	5	3	1	53		201	122	61	67	33	10	5	2	1	49
32	829	DP188 Malawi, Kalulu	212	127	60	69	33	11	5	5	2	48		128	70	55	47	37	8	6	3	2	47		84	57	68	22	26	3	4	2	2	49
33	835	DP188 Malawi, Tsovo	393	208	53	144	37	33	8	8	2	47		204	113	55	77	38	10	5	4	2	48		189	95	50	67	35	23	12	4	2	46

Key

Rating 0% > 50% > 60% > 70+%

Green - Very good

Light Green - Good

Orange - Acceptable

Red - Recommend action is taken

Explanation

The green, light green, orange and red traffic-light system indicates 'Very Good', 'Good', 'Acceptable' and 'Recommend action is taken'. An overall colour rating is used to give a simple visual overview of how well the nets are lasting. This is an educated estimate by AMF staff and is not presented as a scientific assessment. The rating is calculated considering the proportion of nets in each condition. Performance (colour) bands are established considering published research and other data on how nets typically degrade over time. We are currently liaising with advisors to gain further advice on where these bands should fall.

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 6-months (May 2015)

Presence of AMF Nets			Condition of AMF nets				Usage of the nets				Miscellaneous data				Comments		Activity		Errors						
Job ID	Job	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			
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	#	Covered	%	#	Covered	%	
		15,272	100	68	0	9,023	99	77	1	6,044	18	12,266	36	444	1	15,292	45	34,046	19,623	15,340	78	41,541	34,046	82	
1	859	DP188 Malawi, Police College	184	100	0	0	100	100	0	0	70	18	154	40	8	2	156	40	388	218	184	84	447	388	87
2	857	DP188 Malawi, Mua	453	99	3	1	246	98	4	2	159	16	400	41	5	1	420	43	984	586	456	78	1,226	984	80
3	833	DP188 Malawi, Mayani	414	99	5	1	244	98	6	2	172	18	353	37	10	1	407	43	942	545	419	77	1,158	942	81
4	847	DP188 Malawi, Chimoto	573	99	3	1	372	99	3	1	230	17	429	32	16	1	650	49	1,325	791	576	73	1,679	1,325	79
5	831	DP188 Malawi, Kaphuka	845	100	4	0	497	99	3	1	314	18	632	35	28	2	810	45	1,784	1,090	849	78	2,193	1,784	81
6	844	DP188 Malawi, Mdeza	355	99	2	1	198	99	2	1	121	15	316	40	8	1	337	43	782	442	357	81	925	782	85
7	837	DP188 Malawi, Chongoni	468	100	0	0	250	100	0	0	150	15	367	38	14	1	443	45	974	549	468	85	1,120	974	87
8	858	DP188 Malawi, Nakalanzi	442	100	0	0	250	100	0	0	198	19	443	42	4	0	417	39	1,062	569	442	78	1,279	1,062	83
9	856	DP188 Malawi, Mtakataka	428	100	1	0	247	99	3	1	159	17	370	39	10	1	407	43	946	568	429	76	1,296	946	78
10	855	DP188 Malawi, Mganja	191	100	0	0	125	100	0	0	71	16	174	39	4	1	202	45	451	258	191	74	570	451	79
11	827	DP188 Malawi, Chiphwanya	240	98	4	2	147	98	3	2	104	20	186	35	13	2	226	43	529	337	244	72	721	529	73
12	852	DP188 Malawi, Golomoti	892	99	7	1	494	99	6	1	370	18	779	38	9	0	874	43	2,032	1,100	899	82	2,370	2,032	86
13	846	DP188 Malawi, Mtendere	893	99	5	1	492	98	8	2	306	16	777	40	27	1	845	43	1,955	1,115	898	81	2,322	1,955	84
14	853	DP188 Malawi, Kachindamoto	212	100	1	0	122	98	3	2	102	20	195	39	4	1	197	40	498	306	213	70	654	498	75
15	828	DP188 Malawi, Dzindevu	666	100	0	0	375	100	0	0	288	20	510	35	25	2	645	44	1,468	806	666	83	1,699	1,468	86
16	849	DP188 Malawi, Kanyezi	617	100	0	0	375	100	0	0	233	17	474	35	21	2	624	46	1,352	799	617	77	1,650	1,352	81
17	845	DP188 Malawi, Mphati	225	100	0	0	150	100	0	0	105	20	145	28	6	1	262	51	518	305	225	74	656	518	79
18	839	DP188 Malawi, Mlangali	374	100	0	0	250	100	0	0	146	18	249	30	13	2	412	50	820	537	374	70	1,108	820	74
19	842	DP188 Malawi, Lobi	427	100	0	0	250	100	0	0	156	17	323	34	12	1	451	48	942	546	427	78	1,149	942	82
20	836	DP188 Malawi, Bembeke	404	100	1	0	249	100	1	0	146	17	290	33	9	1	422	49	867	536	405	76	1,091	867	79
21	840	DP188 Malawi, Mphunzi	396	100	0	0	250	100	0	0	141	17	287	34	16	2	408	48	852	555	396	71	1,128	852	76
22	848	DP188 Malawi, Kafere	426	100	1	0	247	99	3	1	184	19	365	37	16	2	429	43	994	552	427	77	1,221	994	81
23	841	DP188 Malawi, Chitowo	584	97	16	3	361	96	14	4	234	17	453	33	9	1	659	49	1,355	755	600	79	1,613	1,355	84
24	850	DP188 Malawi, Matumba	861	100	0	0	500	100	0	0	351	18	663	34	32	2	883	46	1,929	1,043	861	83	2,251	1,929	86
25	851	DP188 Malawi, Mikondo	409	100	0	0	248	99	2	1	173	19	294	33	19	2	418	46	904	507	409	81	1,090	904	83
26	834	DP188 Malawi, Mjini	323	100	0	0	175	100	0	0	111	16	272	40	12	2	288	42	683	373	323	87	756	683	89
27	843	DP188 Malawi, Maonde	371	98	7	2	243	97	7	3	154	18	288	33	14	2	404	47	860	508	378	74	1,109	860	78
28	832	DP188 Malawi, Kasina	618	100	0	0	375	100	0	0	215	16	483	36	16	1	638	47	1,352	795	618	78	1,673	1,352	81
29	854	DP188 Malawi, Kaundu	439	100	0	0	249	100	1	0	202	19	421	40	9	1	423	40	1,055	551	439	80	1,257	1,055	84
30	830	DP188 Malawi, Kanyama	389	100	0	0	250	100	0	0	163	19	281	33	16	2	397	46	857	505	389	77	1,044	857	82
31	826	DP188 Malawi, Chikuse	536	100	1	0	297	99	3	1	200	18	441	39	15	1	486	43	1,142	664	537	81	1,358	1,142	83
32	829	DP188 Malawi, Kalulu	215	100	0	0	150	100	0	0	106	21	146	29	11	2	247	48	510	277	215	78	632	510	81
33	835	DP188 Malawi, Tsovo	402	98	7	2	245	98	5	2	210	22	306	33	13	1	405	43	934	535	409	76	1,136	934	82

Used correctly 0% > 90% > 95+%

Coverage 0% > 90% > 95+%

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 Dedza, Malawi: @ 6-months (May 2015)

Presence of AMF Nets			Condition of AMF nets				Usage of the nets			Miscellaneous data		
Job ID Job			Malaria in last month				Type of AMF nets			Type of all nets		
			Households		People		Oly	Perm	?	Oly	Perm	?
			#	%	#	%	#	#	#	#	#	#
			3249	36	4,468	11	7,557	7,087	6	7,718	7,111	511
1	836	DP188 Malawi, Bembeke	67	27	83	8	206	191	0	206	191	0
2	826	DP188 Malawi, Chikuse	85	28	112	8	320	201	0	320	201	0
3	847	DP188 Malawi, Chimoto	150	40	218	13	237	319	0	237	319	0
4	827	DP188 Malawi, Chiphwanya	65	43	88	12	138	105	0	138	105	0
5	841	DP188 Malawi, Chitowo	107	29	134	8	213	361	0	213	361	0
6	837	DP188 Malawi, Chongoni	48	19	63	6	188	269	0	188	269	0
7	828	DP188 Malawi, Dzindevu	93	25	133	8	340	308	1	340	308	1
8	852	DP188 Malawi, Golomoti	215	43	301	13	476	367	0	476	367	0
9	853	DP188 Malawi, Kachindamoto	67	54	118	18	180	33	0	180	33	0
10	848	DP188 Malawi, Kafere	106	42	142	12	194	215	0	194	215	0
11	829	DP188 Malawi, Kalulu	50	33	64	10	128	84	0	128	84	0
12	830	DP188 Malawi, Kanyama	52	21	57	5	257	120	1	257	120	1
13	849	DP188 Malawi, Kanyezi	137	37	181	11	227	389	0	227	389	0
14	831	DP188 Malawi, Kaphuka	173	35	248	11	601	239	0	601	239	0
15	832	DP188 Malawi, Kasina	126	34	163	10	203	371	0	203	371	0
16	854	DP188 Malawi, Kaundu	113	45	167	13	241	179	0	241	179	0
17	842	DP188 Malawi, Lobi	74	30	100	9	149	275	0	149	275	0
18	843	DP188 Malawi, Maonde	94	38	136	12	112	248	0	112	248	0
19	850	DP188 Malawi, Matumba	186	37	232	10	304	539	0	304	539	0
20	833	DP188 Malawi, Mayani	89	36	130	11	182	204	3	182	204	3
21	844	DP188 Malawi, Mdeza	80	40	113	12	125	227	0	125	227	0
22	855	DP188 Malawi, Mganja	81	65	109	19	100	82	0	100	82	0
23	851	DP188 Malawi, Mikondo	89	36	113	10	176	217	1	176	217	1
24	834	DP188 Malawi, Mjini	30	17	41	5	194	120	0	194	120	0
25	839	DP188 Malawi, Mlangali	88	35	118	11	264	100	0	264	100	0
26	845	DP188 Malawi, Mphati	31	21	42	6	68	151	0	68	151	0
27	840	DP188 Malawi, Mphunzi	100	40	131	12	229	167	0	229	167	0
28	856	DP188 Malawi, Mtakataka	147	59	221	18	307	103	0	307	103	0
29	846	DP188 Malawi, Mtendere	150	30	193	8	318	564	0	318	564	0
30	857	DP188 Malawi, Mua	98	39	158	13	337	94	0	337	94	0
31	858	DP188 Malawi, Nakalanzi	108	43	157	12	309	113	0	309	113	0
32	859	DP188 Malawi, Police College	43	43	60	13	149	29	0	149	29	0
33	835	DP188 Malawi, Tsoyo	107	43	142	13	204	189	0	204	189	0