



Dedza District, Malawi

**Post-Distribution Check-Up (PDCU)
at 12-months**

October 2015

REPORT

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1. Executive Summary

This report represents the results of the post-distribution check-up (PDCU) conducted in October 2015, 12 months after the mass net distribution. Data was gathered in 33 of the district's 34 health centre areas (HCAs). 9,100 households (HHs) were randomly selected and visited unannounced.

At 12 months post-distribution, sleeping space coverage with a viable net was 72%.

Net hang-up, condition and 'net present but not hung' information for each of the 33 HCCAs 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 cost of carrying out the PDCU was US\$13,333 equal to US\$1.47 per household visited (or \$0.046 per net originally distributed). The budgeted cost was \$13,339.

2. Background

Dedza District is one of Malawi's 28 districts and has a population of 792,422 people and 186,105 households. A universal coverage distribution of 245,489 nets was carried out from September to November 2014.

As an impact-monitoring tool of net presence, usage and net condition, a PDCU is carried out at 6 month intervals for a period of 2 ½ years after the distribution.

3. Results

- **9,100 HHs** visited (5% of the HHs that received nets in the original distribution)
- **14,172** nets checked
- **86%** of the nets were found to be hung and in use. This is a very good hang-up level.
- **33%** of the nets were found to be in 'very good condition' (fewer than 2 holes of up to 2cm in size), **48%** 'Good' (fewer than 10 small holes on them) and **10%** in 'viable' condition, (although with more than 10 holes or 1 hole larger than 10 cm), while **8%** were worn out. **2%** were no longer present.
- The survey found 19% of those using the nets were children under 5 years, while 32% were children, 1% were pregnant women and 47% being adults.
- Condition of the nets compared to expectation: Acceptable.

See Appendix 2 for detailed results and findings.

Comment

The data collected show the level of coverage has fallen from 93% at 6-months post-distribution to 86% after 12 months. This is a shallow rate of decline over this 6-month period of 1 1/6 percentage points per month on average and is a good outcome.

Malawi, Dedza District - Net usage and condition post-distribution								
Initial distribution: Universal coverage, 245,489 LLINs, September to November 2014								
			Sleeping space coverage			Net condition of the total stock of nets distributed in the mass campaign		
PDCU	Actual occurrence	Hung (%)	Present, not hung (%)	Missing or Worn Out (%)	Very good (%)	Good (%)	Viable (%)	Worn Out or Missing (%)
6 months	8 months	93	4	3	56	35	6	3
12 months	12 months	86	4	10	33	47	10	10
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-12 Planning document for details.

Budgeting

A budget was prepared using cost drivers for each cost item. This allowed strong estimating of costs and allows a clear comparison between budget and actual costs. See PDCU-12 Budget vs Actual document for that comparison.

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. 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 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.

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 September 2015, 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

Dedza district has 34 health facilities. It was decided to collect data from 5% of households in 33 HCA where we conducted the distribution; hence there were a different number of households randomly selected in each HCCA as per individual health facility populations.

Villages were randomly selected using the village lists generated from the pre-distribution and distribution work for the September-November 2014 AMF-funded universal coverage LLIN distribution. A random number table was used to select the villages.

Between 100 and 500 households were randomly selected from each of the selected four to twenty villages, depending on the HCCA, with the villages also selected at random.

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

A separate document summarizes the principles and mechanisms used to make the random selection of villages and 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 household 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 30 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 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 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 Dedza (Dedza PDCU-6) 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 5,335,675.00 (US\$13,339). MK = Malawi Kwacha.

The actual cost was MK6,519,959 (US\$13,333).

Budget vs actual costs (USD)

ITEM	BUDGET COST	ACTUAL COST	DELTA
BRIEFING/ORIENTATION	153	143	-6%
DATA COLLECTION	11,634	11,924	+2%
DATA ENTRY	900	736	-18%
MANAGEMENT	653	530	-19%
TOTAL	US\$ 13,339	US\$13,333	-0%

Comment

The PDCU came in exactly on budget in USD. Inflation in Malawi meant the cost in MKW was higher than budgeted, as was expected, but appreciation of the USD vs MKW meant the overall cost was very close to the USD budget. CU managed the budget very well.

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 data collection delays due to funerals.

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

- 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 subsequent PDCUs as they have now build a familiarity with the system.

7. Acknowledgements

Special acknowledgement should be made to the Dedza District Health Management Team and the Malaria Coordinator (MC) Mr. Lawrence Rubeni and the Assistant Environmental Health Officer (AEHO) Mr. Chisamba 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.

Appendix 1 - Health Areas and households visited

DATA COLLECTION PLAN																					
VILLAGES																					
DAY	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	GALUANENENJI	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	LKHWECH	KABOTA	MKWAIRA	HELANI	MGAWI	KAMZATI										
4	MUA	KAFULAMA	TEMBETEMBE	MAIWADZA 1	MLONGOTI	KALINDIZA	KANCHAMBA	BWANALI	NJOLO	MADZIANSATSI	MAIWADZA 2										
5	KAUNDU	JOSOFATI	KAPIRI	LUMWIRA 2	CHEJERO	CHIKOLEZA	SITOLE 1	MCHANJA	KABULIKA 2	MADZIANCHULU	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	NYAMA 1	MADZUMBI	CHIWAMBA	MZOOOLA					
9	KANYAMA	MBOZI	MKOMOKO	CHING'AMBA	KUMAANI	KHONGONI	MKUMPHIRA	MAGUNDTSA	CHISIKILI	KANYAMA	KASANKHA										
10	KALULU	LINGA	MPIIMA	MNOLO	KAGUNDU	NYANGU	MTENJE 2														
	POLICE COLLEGE	CHIKAOLA	KAMALA	MALILI	KUDZAW																
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	MTMWEENDE	KALAMBO	LODZANYAMA	MDZINGA	NSEU	CHAMBALA	KABUNGWE	KAMGUNDA	KAYINJA										
15	KAPHUKA	BIWI-JAMES	CHAMADENGA	CHILAKALAKA	KAPHUKA	KUMAANI	MKANDA	NIJWA	NYANGU	CHAPULUMUKA	KALINAYE	NSATO	ASIDI	CHINDENGA	MALINDIMA	MWANYIMBO	MWANZIM	CHIKWASA	CHISANGW	CHIMASULU	MKOPOKA
16	TSOYO	CHAWALA	KUCHOMBE	MBILIMA	MNKHUMBWA	CHIKUMBA	LINYAMA	KAYESELA	MWILI	CHAUMA	MATIPA										
17	KASINA	KALONGA	KUMAPANDA	NACHIKUNGA	KHWAKHWA	MASEWERA	MITAWA	MTHAWANTHU	KULUWINA	MBERA	KOKOLO	TUMBWE	CHIUTSA	TAWE	KAKHOME SOLU	NJOLO					
18	MDENZA	CHAO	MCHAKA	KHOMANI	CHIMAMBA	MOTHELA	CHINCHERE	MASINJA	MALINGA												
19	CHITOWO H/C	MAGWAZA	PHUNDA	KAPHINDA	KAGONG'O	KAWERENGA	MAZENERGA	NAPULU 2	GALANGA	KANGULU	NAPULU 1	KADAWOOLOK	MTONTHO	MWENJE	KHANGANYA	CHISERA					
20	MAONDE	FOSA	KADZOMBE	PEMBA 2	TAMPANGANI	GLUNDUZE	KAUNDA	MKHOMAANTHU	KALIQZI	THAMBOLAGWA	KAMENYA										
21	LOBI	CHIPHE	KAMALA	CHIMKUNDA	CHOPENGA	MAFFEDWE	NANSETA	CHITIKULA	LOBI T/C	CHIKUMBA	MAGALANGA										
22	MTENDERER	KACHULE	NAMBILIKIRA	DAMBO	HUWA	JENYA	KAPAKASA	GUNDADZUWA	KACHIKOPA	KAMONGA	NABWENJE	KAMBUZI	NYOMBE	KACHIPEYA	CHIMAMBA	KANOLO	CHIWAKA	KUTERELA	MTAKATI	CHIMBIYA	KHUWI
23	KAFERE	MSEKADALA	JENTCHERERE	TSUMBI	CHIGENDERER	MOFFATI	NAMAKASU	CHIDUWALE	DIAMPHWE	KANDUTA	KUDE										
24	MIKONDO	KAMBADZA	DIVITE	GWEDE	MSUZUMIRE	GOERGE MAKOZ	KUMBUKA	CHIKWATI	MIKONDO	GABRIEL	KAFUMBI										
25	MATUMBA	KAMKODOLA	KASESE	CHEMBE	MKALADZULU	YOBE	CHALUWA	CHISAMBA	CHIMPHANGU	KULLUWEYA	MOFFATI	NIJUCHI	CHAFUMBWA	KANJINGA	MATUMBA	KUMITENGO	ZIPUSA	FOLOMANI	KUTSANJA	MITONDO	MOSES
26	CHIMOTO	KAMWENDO	YONANI	CHILIKUTALI	CHIMALIRA	MAPONYA	MTONGA	NJONJA	KASONDA	KALUMA	KAFOTOKOZA	MTANTHIRA	STENARA	MKUTA	CHAMBWE	CHIBWEZO					
27	KANYEZI	KANYEZI	ZAMADENGA	CHAMANGWANE	CHIMPIKIZO	KACHIRA MADZI	CHIDEWERE	MALIWA	MLONGOTI	KANSING'INDI	RICHARD	KASEPA	NJEREMA	KAMTUKULE	KABWAZI	KUKHOLONGA					
28	CHONGONI	CHIPHAZI	NDUWA	KAKHOMBA	MAGWALAGWA	MKHALAPADZU	CHIMWALA	MPALALE 2	SAOMBA MANA	DZAMERABOWA	MADAIDAU										
29	MPHUNZI	CHAKACHADZA	CHIRHYE	CHITIMBE	YESAYA	CHAMBWE	CHINTHANKHWA	MKUTU	MYANGA	PINIJI	TOMASI										
	MLANGALI	MLANGALI	KAUNDU	CHIFISI	MADADU	MATERELA	LAMISTENI	SIRA	GANDENI	SUKASUKA	NIJUCHI										
30	BEMBEKE	KAPENUKA	KADAMMANIA	MKUTU	ALBERTO	MATENJE	KANGANYA	CHINKOMBERO 2	KALLOMBE	GONONDA	NADZIKHALE 2										

DEDZA 12 months PDCU - Timeline

No.	ACTIVITY	SEPTEMBER			OCTOBER				NOVEMBER				
		14	21	28	5	12	19	26	2	9	16	23	
1	Briefing of enumerators and supervisors												
2	Data collection												
3	Data entry												
4	Report writing												

	Health Centre	Health Facility registered HHs	Total Registered Villages per Health Facility	Villages to be sampled	% of Vllgs	HHs sampled per village	# of HHs sampled per Health Facility	% of HHs in HF
1	KACHINDAMOTO	2,288	20	5	25%	25	125	5.5%
2	NAKALAZI	5,769	16	10	63%	25	250	4.3%
3	MTAKATAKA	4,765	52	10	19%	25	250	5.2%
4	POLICE COLLEGE	1,066	11	4	36%	25	100	9.4%
5	MUA	5,769	23	10	43%	25	250	4.3%
6	KAUNDU	4,708	62	10	16%	25	250	5.3%
7	GOLOMOTI	8,208	62	20	32%	25	500	6.1%
8	MGANJA	1,348	9	5	56%	25	125	9.3%
9	DZINDEVU	7,531	55	15	27%	25	375	5.0%
10	KANYAMA	4,818	63	10	16%	25	250	5.2%
11	KALULU	2,651	46	6	13%	25	150	5.7%
12	CHIKUSE	6,217	57	12	21%	25	300	4.8%
13	MJINI	3,532	109	7	6%	25	175	5.0%
14	CHIPHWANYA	2,911	38	6	16%	25	150	5.2%
15	MAYANI	5,891	65	10	15%	25	250	4.2%
16	KAPHUKA	9,058	98	20	20%	25	500	5.5%
17	TSOYO	5,030	93	10	11%	25	250	5.0%
18	KASINA	7,801	71	15	21%	25	375	4.8%
19	MDEZA	3,710	72	8	11%	25	200	5.4%
20	CHITOWO H/C	7,375	61	15	25%	25	375	5.1%
21	MPHATI	2,859	29	6	21%	25	150	5.2%
22	MAONDE	4,486	45	10	22%	25	250	5.6%
23	LOBI	5,833	54	10	19%	25	250	4.3%
24	MTENDERE	10,149	131	20	15%	25	500	4.9%
25	KAFERE	2,648	82	10	12%	25	250	9.4%
26	MIKONDO	4,662	73	10	14%	25	250	5.4%
27	MATUMBA	10,164	116	20	17%	25	500	4.9%
28	CHIMOTO	8,219	83	15	18%	25	375	4.6%
29	KANYEZI	6,806	88	15	17%	25	375	5.5%
30	CHONGONI	5,565	58	10	17%	25	250	4.5%
31	MPHUNZI	5,025	34	10	29%	25	250	5.0%
32	MLANGALI	4,449	35	10	29%	25	250	5.6%
33	BEMBEKE	7,073	88	10	11%	25	250	3.5%
		178,384	1,999	364	18%	825	9,100	5.1%

Appendix 2 - Detailed PDCU-12 results (4 pages)

PDCU Job Summary

DistributionID: DP188 [change distribution](#) Report Stage: 12 months show groups

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 12-months (Sep 2015)

Presence of AMF Nets | Condition of AMF nets | Usage of the nets | Miscellaneous data | Comments | Activity | Errors

ID	Location	Date	Households		Forms Signed		Nets received			Hung		Present Not Hung		Missing		Worn out/ not usable		M+ WO	Last entry on	
			Target	#	%	#	%	#	#	%	#	%	#	%	#	%	#			%
		06 Nov 2015	9,100	9,100	100	9,099	100	14,172	12,234	86	546	4	292	2	1,100	8	10			
1	992 DP188 Malawi, Kalulu	28 Oct 2015	150	150	100	150	100	191	179	94	3	2	2	1	7	4	5	09 Nov 2015 07:58		
2	1018 DP188 Malawi, Mganja	02 Nov 2015	125	125	100	125	100	160	148	92	5	3	5	3	2	1	4	08 Nov 2015 13:57		
3	995 DP188 Malawi, Kasina	27 Oct 2015	375	375	100	375	100	554	509	92	14	3	11	2	20	4	6	23 Nov 2015 08:38		
4	994 DP188 Malawi, Kaphuka	30 Oct 2015	500	500	100	500	100	858	787	92	47	5	8	1	16	2	3	12 Nov 2015 07:08		
5	1011 DP188 Malawi, Kafere	13 Oct 2015	250	250	100	250	100	379	342	90	13	3	3	1	21	6	6	09 Nov 2015 16:06		
6	1004 DP188 Malawi, Chitowo	15 Oct 2015	375	375	100	375	100	652	588	90	18	3	15	2	31	5	7	09 Nov 2015 06:21		
7	1010 DP188 Malawi, Chimoto	14 Oct 2015	375	375	100	375	100	557	502	90	6	1	6	1	43	8	9	10 Nov 2015 14:04		
8	998 DP188 Malawi, Tsoyo	30 Oct 2015	250	250	100	250	100	319	285	89	12	4	4	1	18	6	7	23 Nov 2015 08:29		
9	1009 DP188 Malawi, Mtendere	19 Oct 2015	500	500	100	499	100	877	780	89	37	4	26	3	34	4	7	31 Oct 2015 12:31		
10	1019 DP188 Malawi, Mtakataka	04 Nov 2015	250	250	100	250	100	425	377	89	11	3	3	1	34	8	9	08 Nov 2015 20:18		
11	1003 DP188 Malawi, Mphunzi	20 Oct 2015	250	250	100	250	100	378	335	89	15	4	16	4	12	3	7	31 Oct 2015 07:49		
12	993 DP188 Malawi, Kanyama	23 Oct 2015	250	250	100	250	100	338	298	88	8	2	1	0	31	9	9	10 Nov 2015 14:24		
13	1006 DP188 Malawi, Maonde	16 Oct 2015	250	250	100	250	100	402	354	88	9	2	7	2	32	8	10	29 Oct 2015 14:28		
14	1015 DP188 Malawi, Golomoti	05 Nov 2015	500	500	100	500	100	755	664	88	25	3	6	1	60	8	9	11 Nov 2015 08:51		
15	1000 DP188 Malawi, Chongoni	22 Oct 2015	250	250	100	250	100	421	370	88	29	7	4	1	18	4	5	05 Nov 2015 13:06		
16	1005 DP188 Malawi, Lobi	16 Oct 2015	250	250	100	250	100	446	384	86	14	3	18	4	30	7	11	08 Nov 2015 09:00		
17	991 DP188 Malawi, Dzindevu	25 Oct 2015	375	375	100	375	100	630	541	86	42	7	6	1	41	7	7	09 Nov 2015 07:29		
18	999 DP188 Malawi, Bembeke	21 Oct 2015	250	250	100	250	100	358	306	85	21	6	13	4	18	5	9	27 Oct 2015 11:59		
19	1020 DP188 Malawi, Mua	04 Nov 2015	250	250	100	250	100	417	353	85	18	4	4	1	42	10	11	10 Nov 2015 14:22		
20	997 DP188 Malawi, Mjini	29 Oct 2015	175	175	100	175	100	302	254	84	12	4	18	6	18	6	12	12 Nov 2015 12:44		
21	1012 DP188 Malawi, Kanyezi	14 Oct 2015	375	375	100	375	100	673	565	84	23	3	11	2	74	11	13	10 Nov 2015 15:21		
22	1008 DP188 Malawi, Mphati	06 Nov 2015	150	150	100	150	100	195	162	83	10	5	2	1	21	11	12	10 Nov 2015 06:50		
23	1017 DP188 Malawi, Kaundu	06 Nov 2015	250	250	100	250	100	367	304	83	9	2	7	2	47	13	15	12 Nov 2015 13:10		
24	1013 DP188 Malawi, Matumba	12 Oct 2015	500	500	100	500	100	846	700	83	39	5	18	2	89	11	13	01 Nov 2015 06:15		
25	990 DP188 Malawi, Chiphwanya	29 Oct 2015	150	150	100	150	100	185	153	83	12	6	1	1	19	10	11	06 Nov 2015 07:55		
26	1014 DP188 Malawi, Mikondo	13 Oct 2015	250	250	100	250	100	426	352	83	13	3	14	3	47	11	14	10 Nov 2015 13:43		
27	989 DP188 Malawi, Chikuse	26 Oct 2015	300	300	100	300	100	334	274	82	10	3	13	4	37	11	15	12 Nov 2015 09:52		
28	1007 DP188 Malawi, Mdeza	15 Oct 2015	200	200	100	200	100	331	269	81	14	4	9	3	39	12	15	07 Nov 2015 13:53		
29	1021 DP188 Malawi, Nakalanzi	03 Nov 2015	250	250	100	250	100	359	288	80	9	3	3	1	59	16	17	12 Nov 2015 08:43		
30	1022 DP188 Malawi, Police College	03 Nov 2015	100	100	100	100	100	183	146	80	14	8	9	5	14	8	13	23 Nov 2015 08:24		
31	1002 DP188 Malawi, Mlangali	22 Oct 2015	250	250	100	250	100	348	274	79	26	7	19	5	29	8	14	17 Nov 2015 13:17		
32	996 DP188 Malawi, Mayani	28 Oct 2015	250	250	100	250	100	327	257	79	4	1	10	3	56	17	20	10 Nov 2015 14:20		
33	1016 DP188 Malawi, Kachindamoto	02 Nov 2015	125	125	100	125	100	179	134	75	4	2	0	0	41	23	23	09 Nov 2015 09:56		

<https://www.AgainstMalaria.com/Distributions/Malawi/DedzaDistrict2014>

PDCU Job Summary

DistributionID: DP188 Report Stage: 12 months show groups

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 12-months (Sep 2015)

Presence of AMF Nets **Condition of AMF nets** **Usage of the nets** **Miscellaneous data** **Comments** **Activity** **Errors**

Job ID	Job	AMF Nets									
		Total	#	%	#	%	#	%	#	%	Rating
		13,331	4,462	33	6,430	48	1,339	10	1,100	8	50
1	995 DP188 Malawi, Kasina	529	213	40	265	50	31	6	20	4	56
2	998 DP188 Malawi, Tsoyo	303	107	35	155	51	23	8	18	6	53
3	1022 DP188 Malawi, Police College	161	55	34	66	41	26	16	14	9	49
4	1002 DP188 Malawi, Mlangali	303	146	48	114	38	14	5	29	10	52
5	1017 DP188 Malawi, Kaundu	351	84	24	182	52	38	11	47	13	43
6	997 DP188 Malawi, Mjini	272	89	33	137	50	28	10	18	7	52
7	989 DP188 Malawi, Chikuse	324	105	32	149	46	33	10	37	11	47
8	1021 DP188 Malawi, Nakalanzi	351	112	32	153	44	27	8	59	17	42
9	994 DP188 Malawi, Kaphuka	803	406	51	333	41	48	6	16	2	59
10	1015 DP188 Malawi, Golomoti	724	244	34	344	48	76	10	60	8	50
11	1012 DP188 Malawi, Kanyezi	639	129	20	328	51	108	17	74	12	44
12	993 DP188 Malawi, Kanyama	329	74	22	181	55	43	13	31	9	47
13	1020 DP188 Malawi, Mua	395	101	26	179	45	73	18	42	11	45
14	996 DP188 Malawi, Mayani	313	110	35	136	43	11	4	56	18	42
15	1010 DP188 Malawi, Chimoto	545	211	39	253	46	38	7	43	8	52
16	1014 DP188 Malawi, Mikondo	399	133	33	152	38	67	17	47	12	46
17	1008 DP188 Malawi, Mphati	183	39	21	90	49	33	18	21	11	44
18	1011 DP188 Malawi, Kafere	363	128	35	176	48	38	10	21	6	53
19	1016 DP188 Malawi, Kachindamoto	175	16	9	90	51	28	16	41	23	31
20	992 DP188 Malawi, Kalulu	186	52	28	111	60	16	9	7	4	54
21	991 DP188 Malawi, Dzindevu	582	204	35	299	51	38	7	41	7	52
22	1004 DP188 Malawi, Chitowo	619	127	21	399	64	62	10	31	5	51
23	1019 DP188 Malawi, Mtakataka	411	128	31	221	54	28	7	34	8	50
24	1018 DP188 Malawi, Mganja	150	66	44	78	52	4	3	2	1	60
25	1005 DP188 Malawi, Lobi	414	146	35	195	47	43	10	30	7	51
26	1007 DP188 Malawi, Mdeza	308	141	46	95	31	33	11	39	13	48
27	990 DP188 Malawi, Chiphwanya	172	61	35	78	45	14	8	19	11	48
28	1000 DP188 Malawi, Chongoni	388	132	34	195	50	43	11	18	5	54
29	1013 DP188 Malawi, Matumba	789	233	30	325	41	142	18	89	11	45
30	1009 DP188 Malawi, Mtendere	814	283	35	444	55	53	7	34	4	55
31	1003 DP188 Malawi, Mphunzi	347	136	39	169	49	30	9	12	3	56
32	1006 DP188 Malawi, Maonde	386	126	33	192	50	36	9	32	8	50
33	999 DP188 Malawi, Bembeke	324	135	42	156	48	15	5	18	6	55

Total	AMF Olyset nets									
	#	%	#	%	#	%	#	%	Rating	
6,111	2,090	34	2,892	47	625	10	504	8	50	
191	87	46	87	46	10	5	7	4	57	
166	60	36	86	52	10	6	10	6	53	
122	41	34	50	41	20	16	11	9	49	
227	111	49	84	37	10	4	22	10	52	
141	38	27	75	53	9	6	19	13	45	
106	35	33	49	46	15	14	7	7	51	
135	56	41	52	39	12	9	15	11	49	
159	59	37	58	36	15	9	27	17	42	
478	246	51	189	40	33	7	10	2	59	
387	143	37	170	44	42	11	32	8	51	
343	71	21	191	56	41	12	40	12	44	
115	32	28	57	50	15	13	11	10	48	
222	58	26	100	45	40	18	24	11	45	
141	48	34	63	45	5	4	25	18	42	
156	73	47	61	39	10	6	12	8	53	
121	45	37	37	31	25	21	14	12	46	
91	24	26	39	43	18	20	10	11	45	
234	82	35	117	50	21	9	14	6	53	
98	8	8	48	49	19	19	23	23	31	
106	30	28	63	59	9	8	4	4	54	
309	125	40	146	47	16	5	22	7	53	
223	25	11	160	72	27	12	11	5	50	
238	78	33	121	51	19	8	20	8	50	
88	43	49	44	50	0	0	1	1	63	
176	55	31	89	51	19	11	13	7	51	
89	37	42	30	34	11	12	11	12	47	
62	19	31	30	48	6	10	7	11	47	
153	51	33	80	52	15	10	7	5	54	
378	87	23	168	44	80	21	43	11	44	
218	58	27	132	61	19	9	9	4	53	
164	67	41	76	46	15	9	6	4	56	
92	27	29	49	53	8	9	8	9	49	
183	71	39	91	50	11	6	10	5	54	

Total	AMF Peranet nets									
	#	%	#	%	#	%	#	%	Rating	
7,220	2,372	33	3,538	49	714	10	596	8	50	
335	123	37	178	53	21	6	13	4	55	
136	46	34	69	51	13	10	8	6	53	
39	14	36	16	41	6	15	3	8	50	
76	35	46	30	39	4	5	7	9	52	
210	46	22	107	51	29	14	28	13	43	
165	53	32	88	53	13	8	11	7	52	
186	48	26	96	52	21	11	21	11	46	
191	53	28	94	49	12	6	32	17	42	
323	159	49	143	44	15	5	6	2	60	
337	101	30	174	52	34	10	28	8	50	
296	58	20	137	46	67	23	34	11	43	
214	42	20	124	58	28	13	20	9	46	
173	43	25	79	46	33	19	18	10	45	
172	62	36	73	42	6	3	31	18	42	
389	138	35	192	49	28	7	31	8	51	
278	88	32	115	41	42	15	33	12	46	
91	15	16	51	56	15	16	10	11	44	
129	46	36	59	46	17	13	7	5	53	
77	8	10	42	55	9	12	18	23	32	
80	22	28	48	60	7	9	3	4	54	
272	78	29	153	56	22	8	19	7	51	
394	102	26	237	60	35	9	20	5	52	
172	50	29	99	58	9	5	14	8	50	
61	23	38	34	56	3	5	1	2	58	
238	91	38	106	45	24	10	17	7	52	
219	104	47	65	30	22	10	28	13	48	
110	42	38	48	44	8	7	12	11	49	
234	80	34	115	49	28	12	11	5	53	
410	146	36	156	38	62	15	46	11	47	
595	225	38	311	52	34	6	25	4	55	
182	69	38	92	51	15	8	6	3	56	
294	99	34	143	49	28	10	24	8	51	
139	63	45	64	46	4	3	8	6	55	

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.

PDCU Job Summary

DistributionID: DP188 [change distribution](#) Report Stage: 12 months show groups

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 12-months (Sep 2015)

		Nets Used				Household used				People sleeping under nets								Coverage						
		Correctly		Not Correctly		Correctly		Not correctly		Children under 5		Children 5 to 18		Pregnant women		Other adults		Total	Sleeping spaces			People		
Job ID	Job	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	#	Covered	%	#	Covered	%
		13,610	98	323	2	7,682	98	176	2	6,055	19	10,250	32	390	1	15,073	47	31,768	19,240	13,933	72	41,053	31,768	77
1	995 DP188 Malawi, Kasina	572	99	3	1	339	99	3	1	227	18	411	32	22	2	620	48	1,280	787	575	73	1,640	1,280	78
2	998 DP188 Malawi, Tsoyo	329	96	14	4	193	97	5	3	148	19	213	28	6	1	393	52	760	541	343	63	1,102	760	69
3	1022 DP188 Malawi, Police College	163	95	8	5	76	95	4	5	75	21	126	35	8	2	152	42	361	223	171	77	448	361	81
4	1002 DP188 Malawi, Mlangali	352	99	3	1	188	100	0	0	147	18	242	30	12	1	409	50	810	508	355	70	1,074	810	75
5	1017 DP188 Malawi, Kaundu	351	97	11	3	187	97	6	3	243	25	317	33	8	1	396	41	964	518	362	70	1,278	964	75
6	997 DP188 Malawi, Mjini	272	99	2	1	155	99	1	1	119	19	203	33	11	2	286	46	619	358	274	77	775	619	80
7	989 DP188 Malawi, Chikuse	388	99	4	1	209	99	3	1	207	22	243	25	7	1	502	52	959	639	392	61	1,319	959	73
8	1021 DP188 Malawi, Nakalanzi	328	93	23	7	173	94	12	6	146	17	305	36	7	1	395	46	853	539	351	65	1,207	853	71
9	994 DP188 Malawi, Kaphuka	833	98	14	2	469	98	8	2	318	18	624	35	22	1	836	46	1,800	1,031	847	82	2,114	1,800	85
10	1015 DP188 Malawi, Golomoti	755	98	17	2	398	98	10	2	341	19	628	35	22	1	798	45	1,789	1,080	772	71	2,381	1,789	75
11	1012 DP188 Malawi, Kanyezi	589	94	37	6	317	94	21	6	241	18	429	32	19	1	643	48	1,332	854	626	73	1,725	1,332	77
12	993 DP188 Malawi, Kanyama	359	95	19	5	190	96	8	4	155	18	256	30	14	2	422	50	847	518	378	73	1,083	847	78
13	1020 DP188 Malawi, Mua	381	96	17	4	199	96	8	4	165	18	323	35	12	1	418	46	918	518	398	77	1,136	918	81
14	996 DP188 Malawi, Mayani	339	97	9	3	177	98	3	2	125	17	221	30	7	1	376	52	729	621	348	56	1,188	729	61
15	1010 DP188 Malawi, Chimoto	516	100	2	0	349	99	2	1	250	21	382	32	18	1	559	46	1,209	766	518	68	1,652	1,209	73
16	1014 DP188 Malawi, Mikondo	359	97	11	3	223	97	7	3	175	20	272	31	14	2	424	48	885	500	370	74	1,127	885	79
17	1008 DP188 Malawi, Mphati	198	99	1	1	115	99	1	1	98	20	133	27	7	1	249	51	487	286	199	70	655	487	74
18	1011 DP188 Malawi, Kafere	366	100	1	0	238	100	1	0	211	25	205	24	11	1	431	50	858	477	367	77	1,054	858	81
19	1016 DP188 Malawi, Kachindamoto	161	97	5	3	89	96	4	4	90	21	140	33	10	2	185	44	425	274	166	61	626	425	68
20	992 DP188 Malawi, Kalulu	216	97	6	3	122	97	4	3	119	23	140	27	12	2	255	48	526	267	222	83	618	526	85
21	991 DP188 Malawi, Dzindevu	624	100	0	0	318	100	0	0	264	19	456	33	11	1	642	47	1,373	857	624	73	1,777	1,373	77
22	1004 DP188 Malawi, Chitowo	581	94	37	6	334	93	25	7	274	20	444	32	16	1	664	47	1,398	777	618	80	1,653	1,398	85
23	1019 DP188 Malawi, Mtakatata	427	99	4	1	205	100	1	0	151	16	378	40	10	1	407	43	946	573	431	75	1,208	946	78
24	1018 DP188 Malawi, Mganja	169	99	2	1	111	100	0	0	90	21	133	31	1	0	210	48	434	234	171	73	565	434	77
25	1005 DP188 Malawi, Lobi	398	99	3	1	237	99	2	1	150	17	300	33	12	1	439	49	901	541	401	74	1,124	901	80
26	1007 DP188 Malawi, Mdeza	292	99	2	1	176	99	1	1	118	17	238	34	8	1	331	48	695	394	294	75	858	695	81
27	990 DP188 Malawi, Chiphwanya	196	94	12	6	106	95	5	5	95	20	130	28	7	1	239	51	471	328	208	63	688	471	68
28	1000 DP188 Malawi, Chongoni	395	99	4	1	226	99	2	1	165	19	291	34	7	1	404	47	867	517	399	77	1,069	867	81
29	1013 DP188 Malawi, Matumba	754	97	24	3	446	97	15	3	381	21	540	29	19	1	895	49	1,835	1,030	778	76	2,255	1,835	81
30	1009 DP188 Malawi, Mtendere	840	99	10	1	457	99	4	1	302	16	712	37	23	1	878	46	1,915	1,100	850	77	2,365	1,915	81
31	1003 DP188 Malawi, Mphunzi	383	99	5	1	220	98	4	2	169	19	310	34	10	1	410	46	899	528	388	73	1,134	899	79
32	1006 DP188 Malawi, Maonde	375	99	3	1	236	99	2	1	149	17	297	35	10	1	397	47	853	539	378	70	1,125	853	76
33	999 DP188 Malawi, Bembeke	349	97	10	3	204	98	4	2	147	19	208	27	7	1	408	53	770	517	359	69	1,030	770	75

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.

PDCU Job Summary

DistributionID: DP188 [change distribution](#) Report Stage: 12 months show groups

Post-Distribution Check-Up (PDCU) for Dedza, Malawi: @ 12-months (Sep 2015)

			Presence of AMF Nets				Condition of AMF nets				Usage of the nets			Miscellaneous data			Comments	Activity	Errors
Job ID	Job	Malaria in last month				Type of AMF nets			Type of all nets										
		Households		People		Oly	Perm	?	Oly	Perm	?								
#	%	#	%	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
2657	29	3,290	8	5,607	6,624	21	5,619	6,638	1,676										
1	999	DP188 Malawi, Bembeke	53	21	58	6	183	139	2	183	139	2							
2	989	DP188 Malawi, Chikuse	96	32	109	8	135	186	2	135	186	2							
3	1010	DP188 Malawi, Chimoto	95	25	134	8	156	389	0	156	389	0							
4	990	DP188 Malawi, Chiphwanya	48	32	60	9	62	110	0	62	110	0							
5	1004	DP188 Malawi, Chitowo	94	25	106	6	223	394	2	223	394	2							
6	1000	DP188 Malawi, Chongoni	60	24	73	7	153	234	1	153	234	1							
7	991	DP188 Malawi, Dzindevu	85	23	98	6	309	272	1	309	272	1							
8	1015	DP188 Malawi, Golomoti	197	39	262	11	387	337	0	387	337	0							
9	1016	DP188 Malawi, Kachindamoto	54	43	73	12	98	77	0	98	77	0							
10	1011	DP188 Malawi, Kafere	43	17	55	5	234	129	0	234	129	0							
11	992	DP188 Malawi, Kalulu	33	22	36	6	106	80	0	106	80	0							
12	993	DP188 Malawi, Kanyama	75	30	88	8	115	214	0	115	214	0							
13	1012	DP188 Malawi, Kanyezi	124	33	157	9	343	296	0	343	296	0							
14	994	DP188 Malawi, Kaphuka	147	29	172	8	478	323	2	478	323	2							
15	995	DP188 Malawi, Kasina	89	24	106	6	191	335	3	191	335	3							
16	1017	DP188 Malawi, Kaundu	65	26	73	6	141	210	0	141	210	0							
17	1005	DP188 Malawi, Lobi	69	28	81	7	176	238	0	176	238	0							
18	1006	DP188 Malawi, Maonde	69	28	91	8	92	294	0	92	294	0							
19	1013	DP188 Malawi, Matumba	118	24	135	6	378	410	1	378	410	1							
20	996	DP188 Malawi, Mayani	64	26	83	7	141	172	0	141	172	0							
21	1007	DP188 Malawi, Mdeza	66	33	86	10	89	219	0	89	219	0							
22	1018	DP188 Malawi, Mganja	55	44	64	11	88	61	1	88	61	1							
23	1014	DP188 Malawi, Mikondo	85	34	103	9	121	278	0	121	278	0							
24	997	DP188 Malawi, Mjini	39	22	41	5	106	165	1	106	165	1							
25	1002	DP188 Malawi, Mlangali	47	19	50	5	227	76	0	227	76	0							
26	1008	DP188 Malawi, Mphati	68	45	85	13	91	91	0	91	91	0							
27	1003	DP188 Malawi, Mphunzi	58	23	64	6	164	182	1	164	182	1							
28	1019	DP188 Malawi, Mtakataka	107	43	137	11	238	172	1	238	172	1							
29	1009	DP188 Malawi, Mtendere	110	22	124	5	218	595	1	218	595	1							
30	1020	DP188 Malawi, Mua	100	40	130	11	222	173	0	222	173	0							
31	1021	DP188 Malawi, Nakalanzi	100	40	155	13	159	191	1	159	191	1							
32	1022	DP188 Malawi, Police College	60	60	86	19	122	39	0	122	39	0							
33	998	DP188 Malawi, Tsoyo	84	34	115	10	166	136	1	166	136	1							