



Dowa District, Malawi

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

November 2015

REPORT

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1. Executive Summary

This report represents the results of the 6 months PDCU conducted in November 2015. Data was gathered in 20 of the district's 23 Health Centre Areas (HCAs). 7,541 households (HH) were randomly selected and visited unannounced. This check-up was carried out at 7 months after the distribution.

At 6 months post-distribution, sleeping space coverage with a viable net was 83% with these sleeping spaces covering 85% of the population.

Net hang-up, condition and 'net present but not hung' information for each of the 20 HCCAs has been passed to Dowa'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\$14,894 equal to US\$1.97 per household visited (or \$0.038 per net originally distributed). The budgeted cost was US\$14,847.

2. Background

Dowa District is one of Malawi's 28 districts and has a population of 801,379 people and 181,490 households. A universal coverage distribution of 316,196 nets was carried out in 20 districts from March to June 2015 with the majority distributed between late March and late May 2015 (316,196 LLINs – 82% of the eventual total).

A Post-Distribution Check-Up survey (PDCU) is carried out at 6 months intervals after the distribution as an impact-monitoring tool of net usage and net condition.

3. Results

- **7,542** HHs visited (5% of the HHs that received nets in the original distribution)
- **16,279** nets checked
- **81%** of the nets were found to be hung and in use. This is an adequate but not good hang-up level.
- **77%** of the nets were found to be in 'very good condition' (fewer than 2 holes of up to 2cm in size), **21%** 'Good' (fewer than 10 small holes on them) and **1%** in 'viable' condition, (although with more than 10 holes or 1 hole larger than 10 cm), while **1%** were worn out.
- The survey found 17% of those using the nets were children under 5 years, while 37% were children, 1% were pregnant women and 45% being adults.
- Condition of the nets compared to expectation: Good.

See Appendix 2 for detailed results and findings.

Comment

There is need for sensitization meetings on net usage and hanging to remind beneficiaries of the best ways of using and taking care of the nets, especially in the nine health centre areas that had the highest levels of 'present but not hung' and the further one health centre area with a relatively low level of coverage.

Comment

The data collected show the level of sleeping space coverage with nets that were distributed during April 2015 was 81%.

We expected this figure to be about 5 to 10 percentage points higher.

Data for the proportion of all sleeping spaces covered shows that 85% are covered. This suggests that some sleeping spaces may be covered with nets not distributed during the mass campaign. If so, these are likely to be nets distributed in the prior campaign (few, we estimate) and some nets distributed via routine mechanisms e.g. ante-natal clinics (most, we estimate). We do not have further information or data on a likely split.

The level of nets present but not hung is 15%. Normally we see levels around 4-8%. This suggests householders may not be using new nets as they still have acceptable older nets. We will consider what further information we could gather to understand if a) newer nets are being held back due to being not needed (and what the implication, if any, that has for the assessment at the time of distribution of household net need and the presence of 'perfectly usable nets'.); and/or b) whether all sleeping spaces that should be covered (ones being slept in) are not being covered and there is a need to encourage greater hang-up.

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-06 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 23 Health Centres (HCs) in Dowa 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 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 twenty days collecting data with a day on each health facility. 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 November 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

Dowa district has 23 health facilities. It was decided to collect data from 5% of households in 20 HCAs where we carried out the distributions; this meant a different number of households in each HCAs as per individual health facility populations.

Between 125 and 793 households were randomly selected from each of the selected five 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 2014-May 2015 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. Ten more households were put on reserve in case no one was at home in the selected households or the family wasn't receptive to participate in the survey.

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, men/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/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

Data was entered from forms into an existing, online database designed and provided by AMF. An internet connection was required for this work. Two data entry clerks with knowledge in basic computing commenced entering data two weeks after the data collection started (in the second week of data collection) to allow accumulation of forms for entry and easy coordination by the project manager. The data entry clerks were assigned specific health facilities in order to facilitate their performance monitoring. Data entry was completed one week after end of the data collection phase.

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. Experience built up through previous PDCU data entry meant data entry proceeded with almost no errors. This reduced the error-checking phase to almost nothing.

5. Finances

The budget was MK 6,235,762 (US\$14,847). MK = Malawi Kwacha.
The actual cost was MK 7,283,264 (US\$14,894).

Budget vs actual costs (USD)

ITEM	BUDGET COST	ACTUAL COST	DELTA
BRIEFING/ORIENTATION	350	339	-3%
DATA COLLECTION	10,366	9,443	-9%
DATA ENTRY	1,357	1,227	-10%
MANAGEMENT	2,774	3,885	+40%
TOTAL	US\$ 14,847	US\$14,894	-0%

Comment

The PDCU came in just under 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, supervisors and drivers were committed to collecting the data.

Lessons learned from this PDCU to be applied to subsequent PDCUs:

- 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 Dowa District Health Management Team and the Malaria Coordinator (MC) Mr. George Mphasa and the Assistant Environmental Health Officer (AEHO) Mr. Tembo 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 beyond normal working hours just to accomplish the mission and meet the timelines.

Appendix 1 - Health Areas and households visited, timeline

DATA COLLECTION PLAN VILLAGES

Day	HEALTH CENTRE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Thonje	CHILOMBO	MNESHA	MWANAMANGA	DZUWA	KHUNTHA	CHIMEZA	CHESALINO	GOBEDE	MAZUMA	MTEMBE					
2	Mvera Mission	CHSENEGO	MAZENGERA 1	MBEDZA 2	CHIUDZA	LABVU 1	NAMONI	SILAPA	CHIPEZAYANI							
3	Mvera Army	CHIWERE	MPHANDA	KANJEREWEDE	MOYA	MTUNGWI										
4	Chezi	LOVIMBI	CHIDOTHI	KAFANIKHALE	ZANGALA	MKUWANI	MNENENJI	MTALANJE								
5	Chankhangu	CHIGOWO	YAPOLA	NTHACHE	UNDI	KAUNDAMA	NG'ANJO	CHIPENI	KALULU	GAWAMADZI	NJOLOMOLE	SIMAKUMI				
6	Dowa DHO	CHIFUTI	KAMTEPA	MAKHWAZI	WENERA	MALATA	BIMPHI	MWANZA	NYANGAMIRE	CHIPUNDO	MOYA	GUMA	CHIWANDIRA	CHIMPALA	KASITU	KALUZI
		CHAMVU	MPHAMBAMBA													
7	Dzaleka	MISANJO	NJEWANA	KATUBZYA	LISUNGWI	CHAUWA	KALISHA	CHIWALE	MGWANDALI	GOMANI	MAKUMBI	MKANTHAMA	CHIMBWALA	NYALUBWE	CHINKHOTA	KAGWATSABOLA
		KAZOTA	MPISI	CHINKWIRI	NDALAMA	CHING'OMA										
8	Mtengowanthena	MITCHENENJE	MANONDA	TCHOKA	CHIMOTO	LUNDA	DZOOLE	FUSANI	KAMCHIRA	KAYALA	KAMPHANGALE	MTSIRO	CHAKHALA	TSIRIZANI	MGALAMUKA	KAWIRI
		SIMANKHWALA	GOMA	NANTHAMBWE	CHIKHADWE	NASONI										
9	Dzoole	MANDALA	SINTALA 2	LIPIRI	KAUNDU	NTHANGA	KAFELAKAWOLE	KUPHERA	MWADZALEKA	NYENGERE	KAMBUZI	CHINTHU	MZUZI	CHIBWEZA	VUMOKAZOMA	CHALINDA
10	Kayembe	CHIWALA	MAKANGA	CHIMBALU	CHIZEWE	KOMBA	CHIPHULE	KAMANGA	KAYEMBE	PHESERE	MALABADA	NTHONDO	MKWINDA	TUMBI	MWASAMBO 2	ZIWANDA
11	Chisepo	KAMBALA	MONDWE	CHIMSOLO	MWANZA 1	MPHEPO	MWASALA	KAWIYA	NABWENJE	CHATANGA	NGALAZUKA	KANTCHENCHE 2	SIMWANJERE			
12	Mbingwa	MDUKU	KAMPHENGGA	NKWIYA	MANDE	MASANTCHI	KACHANDE	KASUNTHA 1	MTUMBATI	NKHUYU	KAMBWAYI	SAULOSI	SALE			
13	Chizolowondo	CHIZOLOWONDO	SANGAMBE	MKANIRE 2	SAKALI	KAPALANGA	NJOBVU	KAPUTA	ZOMBA	KACHIRA	KAMMATA					
14	Chakwaza	MDINDO	CHIMWERE	MKWANASI	KADZANJA	KUTAMBO	CHANDIWO	NKHAFI	NJIMBULA	CHANGUNDA	MPOZERA	CHIZAICHI				
15	Madisi	CHIMAMBAMBA	NANKUMA	KAPHWITI	KAWEREWERA 4	MLANGALI	MSAMPHA	MILIMBU	GALANG'OMBE	MTANILA	KATENGEZA	KAUNJILIRE	BOKOSALA	CHAPUMA	MADZIADA	CHIKWAWWE
16	Bowe	KOTI	CHIKULU	M'NDEWELE	KAMANJA	LICHERE	KACHIPANDE	SIKALIYOTE	DAMBALIKA 1	CHIDZANI	MDATSEKA	PHIKO				
17	Chinkhwiri	MBELEKETE	KAPONDO	CHINKWHIRI	MTAMBE	KAMANKODOLA	NAKUTEPA	MKANTHAMA	NYONYO							
18	Mwangala	MWESAKUMVA	MALASHEKA	MPHETUKA	MALINGA	SOSOLA										
19	Kasese	KACHALA	NKHANDWE	KANTENDERE	BWEYA	NKHICI	NAMBELA 1	CHIMAMBAMBA	KALUNGULU	CHILINKHOLI	NGOMA	VULABANGO				
20	Mponera	MATEKENYA	LANGWANI	KHWEMA	MBAYA	NDAMBI	KANYENDA	MUSSA	CHIMANGA	GOMA	MAYOLA	KALINDA 1	CHIKULUTI 1			

Dowa 6 months PDCU - Timeline

No.	ACTIVITY	NOVEMBER				
		2	9	16	23	30
1	Briefing of enumerators and supervisors					
2	Data collection					
3	Data entry					
4	Report writing					

LIST OF HOUSEHOLDS PER HEALT FACILITY

	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
1	Thonje	6,259	104	10	10%	31	313
2	Mvera Mission	4,956	83	8	10%	31	248
3	Mvera Army	3,123	47	5	11%	31	156
4	Chezi	4,968	62	7	11%	35	248
5	Chankhungu	6,975	62	11	18%	32	349
6	Dowa DHO	10,842	125	17	14%	32	542
7	Dzaleka	12,341	113	20	18%	31	617
8	Mtengowanthenga	15,866	244	20	8%	40	793
9	Dzoole	9,940	136	15	11%	33	497
10	Kayembe	9,975	123	15	12%	33	499
11	Chisepo	7,740	126	12	10%	32	387
12	Mbingwa	6,678	79	12	15%	28	334
13	Chizolowondo	4,901	44	10	23%	25	245
14	Chakwaza	7,001	111	11	10%	32	350
15	Madisi	8,972	104	15	14%	30	449
16	Bowe	6,861	132	11	8%	31	343
17	Chinkhwiri	5,261	42	8	19%	33	263
18	Mwangala	2,505	50	5	10%	25	125
19	Kasese	7,501	94	11	12%	34	375
20	Mponela	8,166	70	12	17%	34	408
		150,831	1,951	235	12%	633	7,542

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

<https://www.AgainstMalaria.com/Distributions/Malawi/DowaDistrict2015>

PDCU Job Summary

DistributionID: DP196 [change distribution](#) Report Stage: 6 months show groups

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

		AMF Nets																	
		Households			Forms Signed		Nets received		Hung		Present Not Hung		Missing		Worn out/ not usable		M+ WO	Last entry on	
	Location	Date	Target	#	%	#	%	#	#	%	#	%	#	%	#	%	%		
		09 Dec 2015	7,541	7,542	100	7,477	99	16,279	13,106	81	2,427	15	611	4	135	1	5		
1	1023 DP196 Malawi, Chankhundu	25 Nov 2015	349	352	101	351	100	689	627	91	45	7	3	0	14	2	2	07 Dec 2015	13:14
2	1031 DP196 Malawi, Chakhaza	04 Dec 2015	350	350	100	344	98	774	686	89	74	10	12	2	2	0	2	10 Dec 2015	14:52
3	1034 DP196 Malawi, Kayembe	03 Dec 2015	499	498	100	498	100	1,115	951	85	146	13	15	1	3	0	2	22 Dec 2015	14:34
4	1029 DP196 Malawi, Bowe	09 Dec 2015	343	342	100	339	99	747	634	85	86	12	23	3	4	1	4	18 Dec 2015	11:53
5	1036 DP196 Malawi, Thonje	19 Nov 2015	313	310	99	310	100	661	557	84	73	11	24	4	7	1	5	30 Nov 2015	12:01
6	1027 DP196 Malawi, Kasese	09 Dec 2015	375	374	100	374	100	756	623	82	93	12	34	4	6	1	5	20 Dec 2015	21:36
7	1033 DP196 Malawi, Mbingwa	08 Dec 2015	334	336	101	334	99	730	597	82	112	15	15	2	6	1	3	17 Dec 2015	12:42
8	1025 DP196 Malawi, Dowa	23 Nov 2015	542	544	100	544	100	1,318	1,075	82	192	15	41	3	10	1	4	22 Dec 2015	05:05
9	1035 DP196 Malawi, Mvera Army	20 Nov 2015	156	155	99	155	100	353	287	81	42	12	15	4	9	3	7	24 Nov 2015	16:23
10	1039 DP196 Malawi, Dzoole	03 Dec 2015	497	482	97	482	100	1,015	816	80	163	16	33	3	3	0	4	12 Dec 2015	17:20
11	1024 DP196 Malawi, Dzaleka	26 Nov 2015	617	620	100	620	100	1,255	997	79	182	15	55	4	21	2	6	18 Dec 2015	11:33
12	1028 DP196 Malawi, Chizolowondo	18 Nov 2015	245	250	102	250	100	643	506	79	102	16	27	4	8	1	5	08 Dec 2015	16:11
13	1042 DP196 Malawi, Mponela	04 Dec 2015	408	408	100	408	100	815	641	79	155	19	18	2	1	0	2	19 Dec 2015	09:50
14	1032 DP196 Malawi, Chisepo	07 Dec 2015	387	390	101	390	100	857	670	78	135	16	46	5	6	1	6	15 Dec 2015	15:34
15	1040 DP196 Malawi, Mtengowanthenga	02 Dec 2015	793	799	101	798	100	1,783	1,381	77	348	20	45	3	9	1	3	22 Dec 2015	15:11
16	1037 DP196 Malawi, Mvera Mission	19 Nov 2015	248	249	100	249	100	582	446	77	78	13	45	8	13	2	10	27 Nov 2015	16:33
17	1038 DP196 Malawi, Chezi	20 Nov 2015	248	245	99	194	79	502	378	75	91	18	28	6	5	1	7	27 Nov 2015	11:14
18	1030 DP196 Malawi, Madisi	08 Dec 2015	449	450	100	450	100	932	690	74	168	18	69	7	5	1	8	20 Dec 2015	07:58
19	1026 DP196 Malawi, Chinkhwiri	26 Nov 2015	263	263	100	263	100	517	382	74	84	16	49	9	2	0	10	12 Dec 2015	07:27
20	1041 DP196 Malawi, Mwangala	30 Nov 2015	125	125	100	124	99	235	162	69	58	25	14	6	1	0	6	12 Dec 2015	10:11

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.

PDCU Job Summary

DistributionID: DP196 [change distribution](#) Report Stage: 6 months show groups

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

		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	
Job ID	Job	Total	#	%	#	%	#	%	#	%	Rating	Total	#	%	#	%	#	%	#	%	Rating	Total	#	%	#	%	#	%	Rating		
		13,226	10,133	77	2,840	21	118	1	135	1	55	6,520	5,133	79	1,258	19	62	1	67	1	56	6,706	5,000	75	1,582	24	56	1	68	1	54
1	1040 DP196 Malawi, Mtengowanthenega	1389	1106	80	269	19	5	0	9	1	58	693	598	86	90	13	1	0	4	1	63	696	508	73	179	26	4	1	5	1	55
2	1034 DP196 Malawi, Kayembe	954	655	69	293	31	3	0	3	0	55	565	385	68	177	31	1	0	2	0	54	389	270	69	116	30	2	1	1	0	55
3	1025 DP196 Malawi, Dowa	1085	842	78	218	20	15	1	10	1	56	585	469	80	101	17	10	2	5	1	57	497	370	74	117	24	5	1	5	1	55
4	1027 DP196 Malawi, Kasese	629	464	74	151	24	8	1	6	1	54	239	192	80	43	18	2	1	2	1	58	390	272	70	108	28	6	2	4	1	53
5	1030 DP196 Malawi, Madisi	695	516	74	174	25	0		5	1	56	352	272	77	77	22	0	0	3	1	57	343	244	71	97	28	0	0	2	1	55
6	1042 DP196 Malawi, Mponela	642	416	65	220	34	5	1	1	0	53	200	123	62	75	38	2	1	0	0	52	442	293	66	145	33	3	1	1	0	54
7	1029 DP196 Malawi, Bowe	638	552	87	79	12	3	0	4	1	62	328	274	84	49	15	3	1	2	1	59	310	278	90	30	10	0	0	2	1	67
8	1024 DP196 Malawi, Dzaleka	1018	757	74	225	22	15	1	21	2	52	481	368	77	97	20	6	1	10	2	53	535	388	73	128	24	8	1	11	2	51
9	1033 DP196 Malawi, Mbingwa	603	499	83	94	16	4	1	6	1	58	296	246	83	46	16	1	0	3	1	58	307	253	82	48	16	3	1	3	1	58
10	1032 DP196 Malawi, Chisepo	676	588	87	81	12	1	0	6	1	61	131	122	93	7	5	1	1	1	1	69	544	465	85	74	14	0	0	5	1	60
11	1039 DP196 Malawi, Dzoole	819	665	81	144	18	7	1	3	0	59	393	319	81	69	18	4	1	1	0	59	422	346	82	72	17	2	0	2	0	59
12	1041 DP196 Malawi, Mwangala	163	137	84	25	15	0		1	1	60	62	54	87	8	13	0	0	0	0	69	101	83	82	17	17	0	0	1	1	58
13	1026 DP196 Malawi, Chinkhwiri	384	308	80	70	18	4	1	2	1	58	224	190	85	31	14	2	1	1	0	61	160	118	74	39	24	2	1	1	1	55
14	1031 DP196 Malawi, Chakhaza	688	576	84	107	16	3	0	2	0	62	350	299	85	48	14	2	1	1	0	64	338	277	82	59	17	1	0	1	0	60
15	1028 DP196 Malawi, Chizolowondo	514	382	74	115	22	9	2	8	2	53	443	327	74	100	23	9	2	7	2	52	71	55	77	15	21	0	0	1	1	55
16	1023 DP196 Malawi, Chankhungu	641	404	63	212	33	11	2	14	2	49	340	226	66	101	30	6	2	7	2	49	301	178	59	111	37	5	2	7	2	48
17	1036 DP196 Malawi, Thonje	564	367	65	180	32	10	2	7	1	50	231	156	68	68	29	4	2	3	1	51	333	211	63	112	34	6	2	4	1	50
18	1037 DP196 Malawi, Mvera Mission	459	385	84	54	12	7	2	13	3	53	299	261	87	25	8	5	2	8	3	55	155	121	78	28	18	2	1	4	3	52
19	1038 DP196 Malawi, Chezi	383	308	80	66	17	4	1	5	1	56	164	140	85	21	13	1	1	2	1	59	219	168	77	45	21	3	1	3	1	54
20	1035 DP196 Malawi, Mvera Army	296	214	72	67	23	6	2	9	3	49	143	112	78	25	17	2	1	4	3	51	153	102	67	42	27	4	3	5	3	48

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: DP196 [change distribution](#) Report Stage: 6 months show groups

Post-Distribution Check-Up (PDCU) for Dowa, Malawi: @ 6-months (November 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 5 to 18		Pregnant women		Other adults		Total	Sleeping spaces			People		
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	#	Covered	%	#	Covered	%
		13,792	98	224	2	6,502	98	127	2	5,028	17	11,069	37	332	1	13,230	45	29,659	16,842	14,017	83	34,825	29,659	85
1	1035 DP196 Malawi, Mvera Army	295	99	3	1	149	99	2	1	102	18	186	32	15	3	272	47	575	320	298	93	611	575	94
2	1023 DP196 Malawi, Chankhungu	649	98	11	2	325	98	6	2	230	17	501	37	9	1	619	46	1,359	734	660	90	1,476	1,359	92
3	1025 DP196 Malawi, Dowa	1,090	98	21	2	518	98	9	2	351	16	866	39	25	1	981	44	2,223	1,235	1,111	90	2,421	2,223	92
4	1037 DP196 Malawi, Mvera Mission	466	100	2	0	234	100	1	0	145	15	346	37	7	1	446	47	944	523	468	89	1,031	944	92
5	1028 DP196 Malawi, Chizolowondo	534	99	3	1	233	99	2	1	178	16	493	43	16	1	452	40	1,139	600	537	90	1,260	1,139	90
6	1029 DP196 Malawi, Bowe	658	100	0	0	317	100	0	0	245	17	531	37	12	1	666	46	1,454	750	658	88	1,621	1,454	90
7	1031 DP196 Malawi, Chakhaza	709	99	9	1	325	99	4	1	263	17	598	40	10	1	641	42	1,512	826	719	87	1,698	1,512	89
8	1036 DP196 Malawi, Thonje	579	99	8	1	278	99	4	1	224	19	417	35	17	1	524	44	1,182	669	587	88	1,346	1,182	88
9	1038 DP196 Malawi, Chezi	388	97	10	3	207	97	6	3	136	16	296	35	11	1	398	47	841	471	398	85	965	841	87
10	1033 DP196 Malawi, Mbingwa	667	100	3	0	288	99	3	1	250	18	559	39	19	1	599	42	1,427	796	670	84	1,660	1,427	86
11	1040 DP196 Malawi, Mtengowanthenga	1,464	98	30	2	681	98	16	2	482	16	1,166	38	32	1	1,395	45	3,075	1,781	1,494	84	3,593	3,075	86
12	1034 DP196 Malawi, Kayembe	987	98	16	2	440	98	9	2	377	18	740	35	24	1	948	45	2,089	1,192	1,003	84	2,455	2,089	85
13	1027 DP196 Malawi, Kasese	661	98	13	2	310	98	6	2	280	19	564	38	22	1	634	42	1,500	810	674	83	1,763	1,500	85
14	1039 DP196 Malawi, Dzoole	871	99	13	1	402	98	10	2	308	16	749	39	25	1	821	43	1,903	1,080	884	82	2,239	1,903	85
15	1032 DP196 Malawi, Chisepo	714	98	12	2	330	98	7	2	292	18	620	39	22	1	665	42	1,599	898	726	81	1,896	1,599	84
16	1024 DP196 Malawi, Dzaleka	1,035	97	30	3	515	96	19	4	401	17	869	37	24	1	1,054	45	2,348	1,332	1,065	80	2,819	2,348	83
17	1042 DP196 Malawi, Mponela	707	97	19	3	307	97	11	3	274	18	533	34	17	1	740	47	1,564	970	726	75	2,016	1,564	78
18	1026 DP196 Malawi, Chinkhwiri	415	98	9	2	202	97	6	3	155	16	355	37	9	1	428	45	947	584	424	73	1,259	947	75
19	1030 DP196 Malawi, Madisi	726	99	7	1	349	99	3	1	251	16	548	35	13	1	760	48	1,572	1,005	733	73	2,111	1,572	74
20	1041 DP196 Malawi, Mwangala	177	97	5	3	92	97	3	3	84	21	132	33	3	1	187	46	406	266	182	68	585	406	69

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: DP196 [change distribution](#) Report Stage: 6 months show groups

Post-Distribution Check-Up (PDCU) for Dowa, Malawi: @ 6-months (November 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	?
		#	%	#	%	#	#	#	#	#	#
		1104	15	1,302	4	6,453	6,638	14	6,511	6,652	854
1	1029 DP196 Malawi, Bowe	26	8	31	2	328	310	0	328	310	0
2	1031 DP196 Malawi, Chakhaza	58	17	67	4	350	338	0	350	338	0
3	1023 DP196 Malawi, Chankhungu	73	21	82	6	340	301	0	340	301	0
4	1038 DP196 Malawi, Chezi	39	16	52	5	164	219	0	164	219	0
5	1026 DP196 Malawi, Chinkhwiri	16	6	20	2	224	160	0	224	160	0
6	1032 DP196 Malawi, Chisepo	66	17	85	4	131	544	1	131	544	1
7	1028 DP196 Malawi, Chizolowondo	36	14	39	3	443	71	0	443	71	0
8	1025 DP196 Malawi, Dowa	81	15	89	4	585	497	3	585	497	3
9	1024 DP196 Malawi, Dzaleka	99	16	119	4	481	535	2	481	535	2
10	1039 DP196 Malawi, Dzoole	87	18	107	5	393	422	4	393	422	4
11	1027 DP196 Malawi, Kasese	71	19	88	5	239	390	0	239	390	0
12	1034 DP196 Malawi, Kayembe	45	9	51	2	565	389	0	565	389	0
13	1030 DP196 Malawi, Madisi	46	10	56	3	352	343	0	352	343	0
14	1033 DP196 Malawi, Mbingwa	62	18	80	5	296	307	0	296	307	0
15	1042 DP196 Malawi, Mponela	47	12	50	2	200	442	0	200	442	0
16	1040 DP196 Malawi, Mtengowanthenga	106	13	118	3	693	696	0	693	696	0
17	1035 DP196 Malawi, Mvera Army	25	16	25	4	143	153	0	143	153	0
18	1037 DP196 Malawi, Mvera Mission	23	9	23	2	299	155	4	299	155	4
19	1041 DP196 Malawi, Mwangala	30	24	41	7	62	101	0	62	101	0
20	1036 DP196 Malawi, Thonje	68	22	79	6	231	333	0	231	333	0