



**Ntcheu District, Malawi**

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

**July 2016**

**REPORT**

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## **1. Executive Summary**

This report represents the results of the PDCU-06 conducted in July 2016, 6 months after the mass net distribution in Jan/Feb 2016. Data was gathered in all 39 of the district's health centre areas (HCAs). 8,750 households (HHs) were randomly selected and visited unannounced and 20,561 sleeping spaces assessed.

Key findings:

1. The sleeping space coverage was 87%.

This is a good (but not very good) outcome.

2. Of the nets distributed during the universal coverage campaign 69 % were hung, 19% were present and not hung, 2% were missing and 10% worn out.

We believe there may be an impact on the numbers from previously distributed nets that are still viable and being used. We discuss this below.

3. Of the recent mass distribution nets 70% were in 'very good' condition, 18% in 'good' condition, 2% in 'viable' condition and 10% 'worn out'.

This is a good outcome with the exception of the level of worn out nets.

Net hang-up, condition and 'net present but not hung' information for each of the 39 HCCAs has been passed to the Ntcheu District Health Office 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\$18,742 equal to US\$2.14 per household visited (or \$0.044 per net originally distributed). The actual cost will be known by the end of October and this report will be updated.

## **2. Background**

Ntcheu 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 424,436 nets was carried out in February 2016.

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

## **3. Results**

- **8,750** HHs visited (5% of the HHs that received nets in the original distribution)
- **18,716** nets checked
- **69%** of the nets were found to be hung and in use. This is a lower than expected hang-up level. **19%** of the nets were 'present but not hung. This is a higher than expected level.
- **70%** of the nets were found to be in 'very good condition' (fewer than 2 holes of up to 2cm in size), **18%** 'Good' (fewer than 10 small holes on them) and **2%** in 'viable'

condition, (although with more than 10 holes or 1 hole larger than 10 cm), while **10%** were worn out.

- The survey found 18% of those using the nets were children under 5 years, while 38% were children, 1% were pregnant women and 43% being adults.
- Condition of the nets compared to expectation: Acceptable.

See Appendix 2 for detailed results and findings.

### Comment

This is the second universal coverage distribution in Ntcheu, with the first taking place in December 2012, a little over four years before.

To understand the behavioural patterns at work we compared this result with the Ntcheu 2012 PDCU-06 results. The following table shows the progression of net presence and use, and condition, after the previous universal coverage distribution in 2012:

PDCU	AMF UCC nets, presence and use				Condition				Overall coverage	
	Hung	Present not hung	Missing	Worn out	Very good	Good	Viable	Worn out	Sleeping space coverage	People covered
<u>Ntcheu 2012</u>										
06 months	90%	8%	1%	0%	99	1	0	0	90	90
15 months	85%	10%	3%	3%	89	6	2	3	83	84
24 months	81%	8%	4%	7%	49	28	15	8	78	79
33 months	52%	3%	3%	43%	13	23	19	45	52	56

2016 PDCU-06 – hung 69%, present but not hung 19%, combined 88%,  
 – **overall sleeping space coverage 87%**

2012 PDCU-06 – hung 90%, present but not hung 8%, combined 98%  
 – **overall sleeping space coverage 89%**

Initial hypotheses for data from this PDCU-06:

Hypothesis 1: Timing differences between the 2012 PDCU-06 and the 2016 PDCU-06 mean there is a seasonal variation (e.g. linked to mosquito levels and average temperatures)

Hypothesis 2: The previously distributed nets have lasted beyond the normal three years life and some of the new nets are being held in reserve to replace them when worn out.

Hypothesis 3: Our criteria for assessing, prior to a mass distribution, which nets are ‘perfectly usable’ (have at least 18 months of life left) is too strict and materially more nets than we are judging to be so have extended life in them.

We may develop other hypotheses to test.

We will be gathering more information to understand better this situation so we can decide what implications, if any, it has for data collection and distribution activities.

## **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.

### **Resource selection**

There are 39 Health Centers (HCs) in Ntcheu District. Each has approximately 20 staff attached to each one, the majority being salaried Health Surveillance Assistants (HSAs). The two supervisors were from the Health Sector of the District Assembly, namely the Malaria Coordinator and the Environmental Health Officer.

20 data collectors and 2 supervisors were involved in the exercise which was concluded in four weeks. This was a departure from the initial plan of using 10 data collectors in order to gather data in a shorter timeframe.

### **Orientation and training.**

Given the limited number of people involved in collecting data and supervising, this was a relatively simple and focused task for the 20 data collectors and two supervisors. During the orientation the participants were briefed on the objective of the PDCU, introduced to the questionnaire and given instruction on how to collect the data required.

### **Village selection and household selection**

Ntcheu district has 39 health facilities. It is stipulated that 5% of households in each HCA are visited unannounced. Not every village has to be visited for reason of cost. Typically, 20-50% of villages in a HCA are visited and the appropriate percentage of households in each village visited to achieve 5% sampling.

Villages were randomly selected using the village lists generated from the pre-distribution and distribution phases. A random number table was used to select the villages.

Households were randomly selected using the lists produced during the distribution. A random number table was used to select the households. Ten more households were put on reserve in case the data collectors found no one at home in some of the selected households. Between 75 and 750 households were visited in each village.

A separate document summarizes the principles and mechanisms used to make the random selection of villages and households.

## Data collection

Data collection was planned to take place in all the 39 health facilities in the district for a period of 20 days. Each enumerator was allocated a sampled village in each health facility on a particular day, allowing the teams to cover the 20 villages per day. There were two teams of ten data collectors and a supervisor lead in each team.

Supervisors monitored their work and check forms. This was to ensure compliance with data collection procedures. Forms were then sent to the central data-entry location in Balaka as soon as all the health catchment area sampled data set of household forms have been completed.

## 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.

The supervisors checked how the data collectors were collecting the data and cross checked all questionnaires before submitting them to the survey coordinator. The survey coordinator was responsible for ensuring all forms had been submitted from the data collectors and verifying they were fully filled in before submitting them to the project manager. The project manager also checked them and assigned them to the data entry team for online data entry.

## 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. Three data entry clerks commenced entering data two weeks after the data collection starts (in the second week of data collection) to allow accumulation of forms for entry and easy coordination by the survey coordinator. 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 13,404,453.00 (US\$17,788). MK = Malawi Kwacha.

### Budget vs actual costs (USD)

ITEM	BUDGET COST	ACTUAL COST	DELTA
BRIEFING/ORIENTATION	162	TBD	%
DATA COLLECTION	11,859	TBD	%
DATA ENTRY	1,909	TBD	%
MANAGEMENT	3,858	TBD	%
TOTAL	US\$ 17,788	US\$ TBD	%

## Comment

The actual costs of the PDCU will be determined once the respective financial report is produced. This should be completed by the end of October 2016.

## **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.
- 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.

## **7. Acknowledgements**

Special acknowledgement should be made to the Ntcheu District Health Management Team and the Malaria Coordinator (MC) Mr. Mwamulima and the Principal Environmental Health Officer, Mr. Banda 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 Centre Areas - Villages 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	16	17	18	19	20
1	TSANGANO	Kabango	Gochi 1	Kankhuni 1	Mdzawira 2	Chabonga	Bayani	Makwangwala 1	Dzinjiliza 2	Chimowa	Katsala 2										
2	DOVIKO	Laiti	Kabango 2	Chiwaya 8	Kankhuni 2																
3	MATANDA	Goli	Kafumbata	Thema	Mtengo wabondo	Gwaza 1															
4	KATSEKERA	Billati	Nenani	MUUSO	Chauluka	Chiseme	Kandoma 2	Lindani	Bayani												
5	MZAMA	Hoda	Malii	Liyada	Mpando	Madana															
6	DZONZI MVAI	Ben GOLOMBE	Songaya	Davide																	
7	NTCHEU D.H.	Kanzingeni 1	Gondoya	thewa	Gomezza	Gwaza	Khangamwa	Eneya 4	Eneya 1	Nenekeza	Kandota	chitetete	Kachimanga	Baleni	Bonga	Nkhande	Chambwin	Dzoole 1	Knajati	Machila	Chinyamula 1
8	CHIOLE	Mkolimbo	Kampanje	Zioya	Chimasa																
9	DZUNJE	Ching'ombe	Hawilani	Binya	Odala	Siliya	Kawere	Chikala	Khuzi	Sanyani	Kalimwayi	JOLJO	Hauya	Mpando	Wanyemba	Chilumo	Lipenga	Pitala			
10	NSIPE	Zidana	Bula	Gwedeza	Nkonde	Kambizi	Chiepa	Sulo	Zalengera	Pheza	Damsoni	Kapalamura	Yendayenda	Khozi							
11	CHAMPITI	Wanyemba	Nziilongwe	Gilison ziyaya	Kaombe	Ganya	Maluka														
12	KAPENI	Kachule	Hauya	Chikadabwa	Kabango	kanzati	Mbemba														
13	CHIKOWA	Phuka	Kainga																		
14	NTONDA	Lazalo	Bwenje 2	Faiti	Kanzinda	Matale	Mbweza														
15	NAMISU	Mwenje	Kanama	Jenya																	
16	MATHEREZA	Kasinja	Nsenjere	Howa	Chalunda	Bilwita															
17	SENZANI	Chipini	Ngomba	Masunda 1	Matale 3	Ebulu	Chikhasu	Matale 2													
18	MIKOKE	Kasisi 1	Tsikulamowa	Kandota	Njunga 1																
19	MANJAWIRA	Chagoma	Kawala 1	Kanyemba	Njunga 2																
20	NSIYALUDZU	Goveya	Chauluka 1	Chisasa	Adam	Helan	Kafantipite	Gomeya 2	Kabwazi	Chimdakazi	Chauluka 2	Pembereka	Eliya	Dinala	Makokola	Tcheza	Dinala	Siliya	Balaka 2	Kuyenda	Bubuya
21	CHIKANDE	Buluwesi	Namboya	Magombo	Billati	Chisoni	Kateza	Gomile	Black	Matekera	Mponya										
22	KALIMANIIRA	Bemerani	Kaliza	Funsani	Kaweya	Sande	Tapani 1														
23	BILLA	Chauluka	Chapola	Tsamba	Chimkondenji	Solomoni	Katoleza	Tambala	Chinyama	Hauya	Nanjiri	Pengapenga	Kalumba	Chisonthe	Chimbalala 1	Kukhola	Mtalika	Kalata	Khomera 1	Kuminga 2	Kuyamba
24	BWANJE	Nkhwani 1	Chikadya Centre	Hoda	Chitsulo	Chimwala	Mawira	Chikadya 3	Ching'amba	Chawanja 1	Chawanja 2	Chiwiza	Mphoola	Sande	Chikondi	Kalolo	Kapasule	Nankhombi	Thokozani	Masalawat	Mwaiwadza
25	SHARPAVALE	Ching'amba	Zalengera 2	Bisiel	Salti 2	Agabu 1	Chigwembere	Motisa	Bizwike	Kapote	Benesi 1	Ndembo 1	Kulanga 1	Salota	Chayela	Zalengera 3					
26	KASINJE	Yesaya	Chiwembu	Chipula	Foso	khwiya	Folotya	Joswa	Nasala 2	Thunga 2	Kasonya	Thundu	Jonathan	Solomoni	Namale	Phale	Binala	Ndasauka	Mandala	Sesani	Dzinyenyero
27	PHANGA	Malowa	Asani	Menyani	Njerema 1	Mbululu	Kapulura	Chembe	Joljo	Saitema	Donyo										
28	CHIGODI	Zintambira	Gidion	Zuze	Chipojola	Namale	Chalera	Chinguwo	Saonanjala												
29	KANDEU	Thuta	Safuyama	Mathotho	Sitolo	Zaunda	Mmanja	Matewere	Kalipande	Muuso 2	Chatchuka	Nandaya	Chawayoka								
30	MPHEPOZINAYI	Magola	Kazembe	Mapazi	Potolani	Zuze	Daule	Devete	Kadwala	Kamtsitsi	Chimpuza	Fasi	Msungu	Jowelo	Matalala	Zande					
31	MULUMA	Mlozanyama	Ndombo	Kadam'manja	Zakazaka																
32	GOWA	Daudi	Kadzombe	Zimanya	Likumbo	Zidana	Kamwiri	Makala	Nzangayu												
33	KAMPANJE	Kanjuzi	Chituku	Maberna	Seleman	Mitchi	Zoyeyana														
34	BIRIWIRI	Haisa	Zangwagwa	Chipusire	Maonga	Ngalande	Unyolo	Kasamba	Galeta												
35	MLANGENI	Kalazi A	Donda	Thanganyika	Julius																
36	LAKEVIEW	Njolomole 2	Mphoyo	Kabwazi	Thom	Kalitsiro 1															
37	LIZULU	Kalilombe	Chinkwita	Mzamani 2	Gambatula	Gwagwa	Mapila	Hauya	Nyasa	Kawere	Mkolimbo 2										
38	MLANDA	Dzenyani	Chiphikira	Mtambalika	Beka																
39	MASASA	Chimvula	Kampanikiza	Zilamulira	Kadambo																

### Ntcheu 6 months PDCU - Timeline

No.	ACTIVITY	June-16		July-16			
		20	27	4	11	18	25
1	Briefing of enumerators and supervisors						
2	Data collection						
3	Data entry						
4	Report writing						



LIST OF HOUSEHOLDS PER HEALTH CENTRE								
	Health Centre	Registered Households (HHs)	Total Registered Villages	Villages to be sampled	% of Villages	HHs sampled per village	# of HHs to be visited	% of HHs
1	BILILA H.F.	10,449	49	20	41%	25	500	4.8%
2	BIRIWIRI H.F.	3,970	22	8	36%	25	200	5.0%
3	BWANJE H.F.	9,135	38	20	53%	25	500	5.5%
4	CHAMPITI H.F.	2,725	23	6	26%	25	150	5.5%
5	CHIGODI H.F.	3,367	16	8	50%	25	200	5.9%
6	CHIKANDE H.F.	4,275	28	10	36%	25	250	5.8%
7	CHIKOWA	1,031	9	2	22%	25	50	4.8%
8	CHIOLE H.F.	1,949	12	4	33%	25	100	5.1%
9	DOVIKO H.F.	1,702	9	4	44%	25	100	5.9%
10	DZONZI MVAI H.F.	1,034	8	3	38%	25	75	7.3%
11	DZUNJE H.F.	8,672	43	17	40%	25	425	4.9%
12	GOWA H.F.	3,669	25	8	32%	25	200	5.5%
13	KALIMANJIRA	2,668	14	6	43%	25	150	5.6%
14	KAMPANJE H.F.	2,583	17	6	35%	25	150	5.8%
15	KANDEU H.F.	5,855	35	12	34%	25	300	5.1%
16	KAPENI H.F.	2,582	22	6	27%	25	150	5.8%
17	KASINJE H.F.	14,259	181	30	17%	25	750	5.3%
18	KATSEKERA H.F.	3,951	21	8	38%	25	200	5.1%
19	LAKE VIEW H.F.	2,294	11	5	45%	25	125	5.4%
20	LIZULU H.F.	4,254	23	10	43%	25	250	5.9%
21	MANJAWIRA H.F.	1,861	9	4	44%	25	100	5.4%
22	MASASA H.F.	1,650	11	4	36%	25	100	6.1%
23	MATANDA H.F.	2,325	13	5	38%	25	125	5.4%
24	MATCHEREZA	1,745	15	5	33%	25	125	7.2%
25	MIKOKE H.F.	1,733	11	4	36%	25	100	5.8%
26	MLANDA H.F.	1,935	17	4	24%	25	100	5.2%
27	MLANGENI H.F.	1,764	9	4	44%	25	100	5.7%
28	MPHEPOZINAYI H.F.	7,552	47	15	32%	25	375	5.0%
29	MULUMA H.F.	1,658	15	4	27%	25	100	6.0%
30	MZAMA H.F.	2,994	20	6	30%	25	150	5.0%
31	NAMISU	1,128	9	3	33%	25	75	6.6%
32	NSIPE H.F.	6,091	36	13	36%	25	325	5.3%
33	NSIYALUDZU H.F.	9,110	52	20	38%	25	500	5.5%
34	NTCHEU D.H.,	12,379	61	25	41%	25	625	5.0%
35	NTONDA H.F.	2,938	22	6	27%	25	150	5.1%
36	PHANGA H.F.	1,220	12	3	25%	25	75	6.1%
37	SENZANI H.F.	3,121	14	7	50%	25	175	5.6%
38	SHARP VALLEY H.F.	6,497	34	15	44%	25	375	5.8%
39	TSANGANO H.F.	4,809	24	10	42%	25	250	5.2%
	<b>TOTAL</b>	<b>162,934</b>	<b>1,037</b>	<b>350</b>			<b>8,750</b>	<b>5.4%</b>
	<b>Averages</b>	<b>4,178</b>	<b>27</b>	<b>9</b>	<b>34%</b>	<b>25</b>	<b>224</b>	<b>5.4%</b>
		HHs per HC	Villages/HC	# Villages to visit	% Villages to visit	HHs/Village	# HHs/HC to visit	CHECK

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

**PDCU Job Summary**

DistributionID: DP197 [change distribution](#) Report Stage: 6 months  show groups

**Post-Distribution Check-Up (PDCU) for Ntcheu, Malawi: @ 6-months (June/July 2016)**

		AMF Nets																		
		Households			Forms Signed		Nets received		Hung			Present Not Hung		Missing		Worn out/ not usable		M+ WO		
		Target	#	%	#	%	#	#	%	#	%	#	%	#	%	#	%	%	Last entry on	
		26 Jul 2016	8,750	8,750	100	8,750	100	24,590	16,853	69	4,655	19	1,201	5	1,881	8	13			
1	2176 DP197 Malawi, Matanda	27 Jun 2016	125	125	100	125	100	255	211	83	25	10	4	10	4	9	4	7	27 Jul 2016	19:35
2	2181 DP197 Malawi, Chiole	29 Jun 2016	100	100	100	100	100	293	240	82	48	16	3	1	2	1	2	16 Jul 2016	20:00	
3	2170 DP197 Malawi, Senzani	01 Jul 2016	175	175	100	175	100	467	379	81	43	9	13	3	32	7	10	18 Jul 2016	12:05	
4	2175 DP197 Malawi, Doviko	10 Jul 2016	100	100	100	100	100	217	169	78	24	11	3	1	21	10	11	15 Jul 2016	17:38	
5	2162 DP197 Malawi, Billa	24 Jun 2016	500	500	100	500	100	1,286	999	78	174	14	72	6	41	3	9	22 Jul 2016	14:15	
6	2163 DP197 Malawi, Chikande	05 Jul 2016	250	250	100	250	100	613	469	77	59	10	10	2	75	12	14	27 Jul 2016	19:58	
7	2152 DP197 Malawi, Ntonda	01 Jul 2016	150	150	100	150	100	381	291	76	35	9	18	5	37	10	14	26 Jul 2016	08:41	
8	2177 DP197 Malawi, Katsakera	28 Jun 2016	200	200	100	200	100	498	374	75	83	17	13	3	28	6	8	27 Jul 2016	19:38	
9	2159 DP197 Malawi, Mlanda	21 Jul 2016	100	100	100	100	100	298	219	73	65	22	9	3	5	2	5	23 Jul 2016	12:33	
10	2179 DP197 Malawi, Mikoke	11 Jul 2016	100	100	100	100	100	264	193	73	49	19	14	5	8	3	8	21 Jul 2016	20:39	
11	2184 DP197 Malawi, Matchereza	01 Jul 2016	125	125	100	125	100	382	279	73	50	13	18	5	35	9	14	15 Jul 2016	20:52	
12	2146 DP197 Malawi, Dzunje	29 Jun 2016	425	425	100	425	100	1,073	778	73	223	21	61	6	11	1	7	27 Jul 2016	19:50	
13	2180 DP197 Malawi, Ntcheu	16 Jul 2016	625	625	100	625	100	1,877	1,357	72	334	18	55	3	131	7	10	23 Jul 2016	07:31	
14	2157 DP197 Malawi, Phanga	14 Jul 2016	75	75	100	75	100	180	128	71	37	21	12	7	3	2	8	18 Jul 2016	13:59	
15	2167 DP197 Malawi, Bwanje	12 Jul 2016	500	500	100	500	100	1,325	932	70	232	18	63	5	98	7	12	21 Jul 2016	20:21	
16	2171 DP197 Malawi, Mphepozinai	18 Jul 2016	375	375	100	375	100	1,076	743	69	211	20	39	4	83	8	11	27 Jul 2016	12:10	
17	2155 DP197 Malawi, Kandeu	19 Jul 2016	300	300	100	300	100	792	545	69	181	23	62	8	4	1	8	28 Jul 2016	17:46	
18	2145 DP197 Malawi, Nsipe	30 Jun 2016	325	325	100	325	100	938	635	68	149	16	46	5	108	12	16	26 Jul 2016	09:54	
19	2169 DP197 Malawi, Manjawira	05 Jul 2016	100	100	100	100	100	262	177	68	46	18	25	10	14	5	15	27 Jul 2016	19:43	
20	2168 DP197 Malawi, Sharpevalley	11 Jul 2016	375	375	100	375	100	1,190	801	67	222	19	43	4	124	10	14	18 Jul 2016	12:58	
21	2156 DP197 Malawi, Kasinje	13 Jul 2016	750	750	100	750	100	2,302	1,548	67	493	21	122	5	139	6	11	21 Jul 2016	06:16	
22	2166 DP197 Malawi, Mlangeni	21 Jul 2016	100	100	100	100	100	263	176	67	61	23	20	8	6	2	10	22 Jul 2016	10:57	
23	2182 DP197 Malawi, Kalimanjira	05 Jul 2016	150	150	100	150	100	404	270	67	86	21	24	6	24	6	12	21 Jul 2016	20:24	
24	2158 DP197 Malawi, Lizulu	20 Jul 2016	250	250	100	250	100	737	492	67	171	23	31	4	43	6	10	21 Jul 2016	20:28	
25	2178 DP197 Malawi, Nsiyaludzu	04 Jul 2016	500	500	100	500	100	1,448	957	66	249	17	84	6	158	11	17	26 Jul 2016	09:20	
26	2148 DP197 Malawi, Mzama	28 Jun 2016	150	150	100	150	100	351	230	66	89	25	19	5	13	4	9	18 Jul 2016	19:10	
27	2151 DP197 Malawi, Kapeni	26 Jul 2016	150	150	100	150	100	387	253	65	92	24	26	7	16	4	11	27 Jul 2016	12:07	
28	2161 DP197 Malawi, Chigodi	14 Jul 2016	200	200	100	200	100	583	370	63	85	15	18	3	110	19	22	27 Jul 2016	12:16	
29	2165 DP197 Malawi, Lakeview	18 Jul 2016	125	125	100	125	100	476	301	63	125	26	4	1	46	10	11	20 Jul 2016	12:39	
30	2160 DP197 Malawi, Masasa	21 Jul 2016	100	100	100	100	100	285	175	61	77	27	10	4	23	8	12	22 Jul 2016	09:08	
31	2150 DP197 Malawi, Namisu	01 Jul 2016	75	75	100	75	100	176	107	61	38	22	22	12	9	5	18	22 Jul 2016	10:32	
32	2149 DP197 Malawi, Dzonzi	28 Jun 2016	75	75	100	75	100	178	108	61	46	26	10	6	14	8	13	21 Jul 2016	09:26	
33	2174 DP197 Malawi, Tsanganano	27 Jun 2016	250	250	100	250	100	602	363	60	112	19	40	7	87	14	21	26 Jul 2016	09:35	
34	2183 DP197 Malawi, Chikowa	01 Jul 2016	50	50	100	50	100	146	88	60	47	32	7	5	4	3	8	15 Jul 2016	09:23	
35	2154 DP197 Malawi, Kampanje	20 Jul 2016	150	150	100	150	100	512	307	60	124	24	35	7	46	9	16	27 Jul 2016	19:51	
36	2164 DP197 Malawi, Biriwiri	22 Jul 2016	200	200	100	200	100	538	320	59	144	27	35	7	39	7	14	23 Jul 2016	06:44	
37	2147 DP197 Malawi, Champiti	30 Jun 2016	150	150	100	150	100	497	290	58	86	17	40	8	81	16	24	22 Jul 2016	09:16	
38	2173 DP197 Malawi, Gowa	19 Jul 2016	200	200	100	200	100	762	444	58	155	20	41	5	122	16	21	21 Jul 2016	08:43	
39	2172 DP197 Malawi, Muluma	20 Jul 2016	100	100	100	100	100	276	135	49	85	31	24	9	32	12	20	21 Jul 2016	07:32	

PDCU Job Summary

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Post-Distribution Check-Up (PDCU) for Ntcheu, Malawi: @ 6-months (June/July 2016)

Presence of AMF Nets												Condition of AMF nets												Usage of the nets												Miscellaneous data												Comments												Activity												Errors											
Job ID	Job	AMF Nets											Total	AMF Olyset nets											Total	AMF Permanet nets											Total																																														
		Total	Very Good			Good			Viable			Worn out			Rating	Total	Very Good			Good			Viable			Worn out			Rating	Total	Very Good			Good				Viable			Worn out			Rating																																							
			#	%	#	%	#	%	#	%	#	%		#			%	#	%	#	%	#	%	#		%	#	%			#	%	#	%	#	%		#	%	#	%	#	%		#	%	#	%																																			
		18,716	13,091	70	3,323	18	421	2	1,881	10	43		10,549	7,496	71	1,759	17	234	2	1,060	10	43		8,167	5,595	69	1,564	19	187	2	821	10	43																																																		
1	2155 DP197 Malawi, Kandeu	549	431	79	101	18	13	2	4	1	57		232	179	77	46	20	5	2	2	1	56		316	251	79	55	17	8	3	2	1	57																																																		
2	2163 DP197 Malawi, Chikande	544	397	73	56	10	16	3	75	14	40		288	212	74	28	10	8	3	40	14	40		256	185	72	28	11	8	3	35	14	40																																																		
3	2154 DP197 Malawi, Kampanje	353	241	68	65	18	1	0	46	13	40		176	125	71	28	16	0	0	23	13	41		177	116	66	37	21	1	1	23	13	40																																																		
4	2146 DP197 Malawi, Dzunje	788	599	76	170	22	8	1	11	1	54		91	68	75	20	22	2	2	1	1	54		697	531	76	150	22	6	1	10	1	54																																																		
5	2169 DP197 Malawi, Manjawira	191	140	73	29	15	8	4	14	7	45		57	35	61	12	21	6	11	4	7	43		134	105	78	17	13	2	1	10	7	46																																																		
6	2177 DP197 Malawi, Katsakera	402	299	74	59	15	16	4	28	7	46		143	101	71	20	14	12	8	10	7	45		259	198	76	39	15	4	2	18	7	46																																																		
7	2176 DP197 Malawi, Matanda	220	140	64	64	29	7	3	9	4	47		112	72	64	31	28	4	4	5	4	47		107	68	64	32	30	3	3	4	4	47																																																		
8	2161 DP197 Malawi, Chigodi	480	335	70	26	5	9	2	110	23	32		304	215	71	14	5	5	2	70	23	33		176	120	68	12	7	4	2	40	23	32																																																		
9	2171 DP197 Malawi, Mphepozina	826	677	82	62	8	4	0	83	10	45		350	286	82	27	8	2	1	35	10	45		475	390	82	35	7	2	0	48	10	44																																																		
10	2151 DP197 Malawi, Kapeni	266	224	84	24	9	2	1	16	6	48		264	222	84	24	9	2	1	16	6	48		1	1	100	0	0	0	0	0	0	100																																																		
11	2145 DP197 Malawi, Nsipe	743	548	74	82	11	5	1	108	15	40		707	519	73	81	11	4	1	103	15	40		36	29	81	1	3	1	3	5	14	41																																																		
12	2174 DP197 Malawi, Tsangano	450	154	34	167	37	42	9	87	19	30		263	92	35	99	38	21	8	51	19	31		187	62	33	68	36	21	11	36	19	30																																																		
13	2178 DP197 Malawi, Nsiyaludzu	1115	723	65	211	19	23	2	158	14	39		460	294	64	89	19	12	3	65	14	39		655	429	65	122	19	11	2	93	14	39																																																		
14	2152 DP197 Malawi, Ntonda	328	267	81	24	7	0		37	11	43		170	139	82	12	7	0	0	19	11	44		158	128	81	12	8	0	0	18	11	43																																																		
15	2159 DP197 Malawi, Mlanda	224	164	73	54	24	1	0	5	2	51		198	143	72	50	25	1	1	4	2	51		26	21	81	4	15	0	0	1	4	50																																																		
16	2180 DP197 Malawi, Ntcheu	1488	1188	80	153	10	16	1	131	9	45		1,328	1,070	81	126	9	15	1	117	9	45		159	117	74	27	17	1	1	14	9	45																																																		
17	2164 DP197 Malawi, Biriwiri	359	249	69	60	17	11	3	39	11	42		184	131	71	27	15	6	3	20	11	42		174	117	67	33	19	5	3	19	11	42																																																		
18	2162 DP197 Malawi, Billia	1040	625	60	296	28	78	8	41	4	46		484	264	55	152	31	49	10	19	4	45		556	361	65	144	26	29	5	22	4	47																																																		
19	2166 DP197 Malawi, Mlangeni	182	144	79	27	15	5	3	6	3	50		93	77	83	10	11	3	3	3	3	51		89	67	75	17	19	2	2	3	3	49																																																		
20	2150 DP197 Malawi, Namisu	116	82	71	24	21	1	1	9	8	45		49	38	78	6	12	1	2	4	8	45		66	43	65	18	27	0	0	5	8	45																																																		
21	2147 DP197 Malawi, Champiti	371	204	55	79	21	7	2	81	22	32		370	203	55	79	21	7	2	81	22	32		1	1	100	0	0	0	0	0	0	100																																																		
22	2160 DP197 Malawi, Masasa	198	133	67	37	19	5	3	23	12	41		183	129	70	32	17	1	1	21	11	42		15	4	27	5	33	4	27	2	13	32																																																		
23	2179 DP197 Malawi, Mikoke	201	165	82	27	13	1	0	8	4	50		89	69	78	15	17	1	1	4	4	49		112	96	86	12	11	0	0	4	4	53																																																		
24	2158 DP197 Malawi, Lizulu	535	430	80	55	10	7	1	43	8	46		226	191	85	16	7	1	0	18	8	47		309	239	77	39	13	6	2	25	8	45																																																		
25	2182 DP197 Malawi, Kalimanjira	294	205	70	61	21	4	1	24	8	44		115	92	80	12	10	2	2	9	8	46		179	113	63	49	27	2	1	15	8	43																																																		
26	2167 DP197 Malawi, Bwanje	1030	710	69	209	20	13	1	98	10	43		456	289	63	116	25	8	2	43	9	43		571	419	73	93	16	5	1	54	9	44																																																		
27	2149 DP197 Malawi, Dzonzi	122	81	66	25	20	2	2	14	11	41		61	42	69	11	18	1	2	7	11	41		61	39	64	14	23	1	2	7	11	41																																																		
28	2173 DP197 Malawi, Gowa	566	402	71	39	7	3	1	122	22	34		249	183	73	12	5	0	0	54	22	34		316	218	69	27	9	3	1	68	22	34																																																		
29	2172 DP197 Malawi, Muluma	167	123	74	9	5	3	2	32	19	36		58	44	76	3	5	0	0	11	19	36		109	79	72	6	6	3	3	21	19	35																																																		
30	2156 DP197 Malawi, Kasinje	1687	1293	77	230	14	25	1	139	8	45		1,456	1,114	77	200	14	22	2	120	8	45		229	177	77	30	13	3	1	19	8	45																																																		
31	2165 DP197 Malawi, Lakeview	347	220	63	74	21	7	2	46	13	39		175	125	71	27	15	0	0	23	13	41		172	95	55	47	27	7	4	23	13	38																																																		
32	2148 DP197 Malawi, Mzama	243	129	53	75	31	26	11	13	5	43		111	58	52	34	31	13	12	6	5	43		132	71	54	41	31	13	10	7	5	44																																																		
33	2157 DP197 Malawi, Phanga	131	65	50	59	45	4	3	3	2	47		42	29	69	12	29	0	0	1	2	50		89	36	40	47	53	4	4	2	2	45																																																		
34	2168 DP197 Malawi, Sharpevalley	925	380	41	403	44	18	2	124	13	36		461	190	41	203	44	6	1	62	13	37		464	190	41	200	43	12	3	62	13	36																																																		
35	2170 DP197 Malawi, Senzani	411	327	80	47	11	5	1	32	8	46		191	153	80	20	10	3	2	15	8	46		220	174	79	27	12	2	1	17	8	46																																																		
36	2181 DP197 Malawi, Chiole	242	226	93	11	5	3	1	2	1	68		69	63	91	5	7	0	0	1	1	62		173	163	94	6	3	3	2	1	1	72																																																		
37	2184 DP197 Malawi, Matchereza	314	189	60	84	27	6	2	35	11	41		180	124	69	33	18	3	2	20	11	42		134	65	49	51	38	3	2	15	11	39																																																		
38	2175 DP197 Malawi, Doviko	190	138	73	21	11	10	5	21	11	42		139	105	76	12	9	7	5	15	11	42		51	33	65	9	18	3	6	6	12	40																																																		
39	2183 DP197 Malawi, Chikowa	90	55	61	25	28	6	7	4	4	46		28	11	39	15	54	1	4	1	4	44		62	44	71	10	16	5	8	3	5	47																																																		

PDCU Job Summary

Distribution ID: DP197 [change distribution](#) Report Stage: 6 months  show groups

Post-Distribution Check-Up (PDCU) for Ntcheu, Malawi: @ 6-months (June/July 2016)

		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	%	
		17,732	99	245	1	7,698	99	108	1	6,098	18	13,291	38	406	1	14,991	43	34,786	20,561	17,943	87	39,313	34,786	88	
1	2170 DP197 Malawi, Senzani	407	100	0	0	161	100	0	0	104	14	321	43	4	1	324	43	753	418	406	97	771	753	98	
2	2179 DP197 Malawi, Miko	200	97	7	3	86	97	3	3	76	19	141	36	6	2	174	44	397	224	207	92	430	397	92	
3	2181 DP197 Malawi, Chiole	243	98	6	2	98	99	1	1	66	15	197	45	3	1	172	39	438	260	240	92	472	438	93	
4	2152 DP197 Malawi, Ntonda	299	97	8	3	136	98	3	2	98	17	209	36	5	1	270	46	582	334	307	92	620	582	94	
5	2173 DP197 Malawi, Gowa	456	99	3	1	183	99	1	1	115	14	378	45	11	1	341	40	845	501	459	92	903	845	94	
6	2147 DP197 Malawi, Champiti	308	100	0	0	137	100	0	0	86	16	205	37	8	1	251	46	550	339	308	91	601	550	92	
7	2171 DP197 Malawi, Mphepozina	790	100	0	0	335	100	0	0	281	18	579	38	16	1	655	43	1,531	873	790	90	1,685	1,531	91	
8	2180 DP197 Malawi, Ntcheu	1,437	100	0	0	581	100	0	0	400	16	983	38	26	1	1,145	45	2,554	1,596	1,437	90	2,816	2,554	91	
9	2163 DP197 Malawi, Chikande	534	100	0	0	225	100	0	0	198	18	436	39	19	2	459	41	1,112	596	534	90	1,203	1,112	92	
10	2167 DP197 Malawi, Bwanje	987	99	15	1	446	98	7	2	391	19	749	37	24	1	872	43	2,036	1,125	1,002	89	2,257	2,036	90	
11	2155 DP197 Malawi, Kande	591	100	2	0	269	99	2	1	203	18	408	36	23	2	515	45	1,149	671	596	89	1,286	1,149	89	
12	2146 DP197 Malawi, Dzunje	807	98	16	2	384	98	8	2	322	20	595	36	17	1	707	43	1,641	929	823	89	1,830	1,641	90	
13	2184 DP197 Malawi, Matchereza	284	99	2	1	116	99	1	1	87	16	224	42	4	1	218	41	533	315	279	89	601	533	89	
14	2156 DP197 Malawi, Kasinje	1,625	98	26	2	640	99	8	1	564	18	1,286	40	23	1	1,333	42	3,206	1,866	1,651	88	3,559	3,206	90	
15	2162 DP197 Malawi, Bilila	1,066	100	3	0	455	100	1	0	362	18	830	40	18	1	851	41	2,061	1,209	1,069	88	2,314	2,061	89	
16	2157 DP197 Malawi, Phanga	145	100	0	0	67	100	0	0	62	19	136	41	3	1	129	39	330	165	145	88	363	330	91	
17	2150 DP197 Malawi, Namisu	128	99	1	1	61	98	1	2	62	20	120	39	3	1	126	41	311	147	129	88	344	311	90	
18	2165 DP197 Malawi, Lakeview	311	100	0	0	110	100	0	0	74	14	233	44	3	1	218	41	528	355	311	88	616	528	86	
19	2176 DP197 Malawi, Matanda	227	97	6	3	110	98	2	2	108	21	198	38	4	1	212	41	522	266	233	88	577	522	90	
20	2168 DP197 Malawi, Sharpevalley	829	100	4	0	335	99	2	1	290	18	672	41	30	2	639	39	1,631	952	833	88	1,834	1,631	89	
21	2145 DP197 Malawi, Nsipe	673	100	3	0	289	99	2	1	198	17	440	37	17	1	536	45	1,191	773	676	87	1,364	1,191	87	
22	2169 DP197 Malawi, Manjawira	199	98	5	2	85	99	1	1	61	15	159	40	7	2	167	42	394	235	204	87	457	394	86	
23	2161 DP197 Malawi, Chigodi	391	99	2	1	179	100	0	0	120	15	296	37	14	2	362	46	792	456	393	86	895	792	88	
24	2177 DP197 Malawi, Katsakera	374	98	9	2	181	97	5	3	133	17	278	36	11	1	358	46	780	445	383	86	900	780	87	
25	2178 DP197 Malawi, Nsiyaludzu	989	99	14	1	441	99	5	1	340	18	673	36	31	2	815	44	1,859	1,166	1,003	86	2,109	1,859	88	
26	2182 DP197 Malawi, Kalimanjira	284	99	3	1	130	98	2	2	119	20	205	35	5	1	258	44	587	334	287	86	670	587	88	
27	2166 DP197 Malawi, Mlangeni	189	99	1	1	89	100	0	0	75	19	143	36	5	1	177	44	400	223	190	85	461	400	87	
28	2158 DP197 Malawi, Lizulu	498	95	26	5	211	95	11	5	173	17	365	37	4	0	447	45	989	616	524	85	1,120	989	88	
29	2151 DP197 Malawi, Kapeni	271	98	5	2	125	98	2	2	88	17	175	35	9	2	234	46	506	329	276	84	587	506	86	
30	2160 DP197 Malawi, Masasa	191	99	1	1	80	100	0	0	51	14	146	39	7	2	166	45	370	230	192	83	443	370	84	
31	2154 DP197 Malawi, Kampanje	318	100	1	0	132	99	1	1	96	17	220	39	8	1	244	43	568	384	319	83	676	568	84	
32	2175 DP197 Malawi, Doviko	173	99	2	1	92	98	2	2	69	18	135	35	1	0	180	47	385	209	173	83	461	385	84	
33	2159 DP197 Malawi, Mlanda	213	96	8	4	87	97	3	3	64	15	182	44	5	1	167	40	418	271	221	82	497	418	84	
34	2148 DP197 Malawi, Mzama	250	100	0	0	123	100	0	0	107	20	172	33	5	1	243	46	527	313	250	80	635	527	83	
35	2149 DP197 Malawi, Dzonzi	124	99	1	1	63	98	1	2	58	22	74	28	2	1	126	48	260	162	125	77	316	260	82	
36	2164 DP197 Malawi, Biriwiri	316	92	27	8	146	90	17	10	122	18	258	38	11	2	294	43	685	445	343	77	854	685	80	
37	2174 DP197 Malawi, Tsangano	359	91	34	9	186	93	15	7	199	22	323	35	10	1	392	42	924	514	393	76	1,194	924	77	
38	2183 DP197 Malawi, Chikowa	101	97	3	3	43	98	1	2	25	16	52	34	4	3	74	48	155	115	86	75	209	155	74	
39	2172 DP197 Malawi, Muluma	145	99	1	1	81	100	0	0	51	18	95	33	0	0	140	49	286	200	146	73	383	286	75	

**PDCU Job Summary**

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**Post-Distribution Check-Up (PDCU) for Ntcheu, Malawi: @ 6-months (June/July 2016)**

		Presence of AMF Nets				Condition of AMF nets				Usage of the nets			Miscellaneous data			Comments	Activity	Errors
		Malaria in last month				Type of AMF nets			Type of all nets									
		Households		People		Oly	Perm	?	Oly	Perm	?							
Job ID	Job	#	%	#	%	#	#	#	#	#	#	#	#	#	#	#	#	
		1719	20	2,079	5	8,959	6,753	12	8,972	6,768	1,080							
1	2162 DP197 Malawi, Billia	132	26	171	7	484	556	0	484	556	0							
2	2164 DP197 Malawi, Biriwiri	23	12	26	3	184	174	1	184	174	1							
3	2167 DP197 Malawi, Bwanje	114	23	132	6	456	571	2	456	571	2							
4	2147 DP197 Malawi, Champiti	30	20	36	6	370	1	0	370	1	0							
5	2161 DP197 Malawi, Chigodi	32	16	40	4	304	176	0	304	176	0							
6	2163 DP197 Malawi, Chikande	84	34	103	9	288	256	0	288	256	0							
7	2183 DP197 Malawi, Chikowa	21	42	23	11	28	62	0	28	62	0							
8	2181 DP197 Malawi, Chiole	21	21	31	7	69	173	0	69	173	0							
9	2175 DP197 Malawi, Doviko	18	18	22	5	139	51	0	139	51	0							
10	2149 DP197 Malawi, Dzonzi	12	16	16	5	61	61	0	61	61	0							
11	2146 DP197 Malawi, Dzunje	75	18	87	5	91	697	0	91	697	0							
12	2173 DP197 Malawi, Gowa	36	18	45	5	249	316	1	249	316	1							
13	2182 DP197 Malawi, Kalimanjira	30	20	36	5	115	179	0	115	179	0							
14	2154 DP197 Malawi, Kampanje	13	9	14	2	176	177	0	176	177	0							
15	2155 DP197 Malawi, Kandeu	50	17	54	4	232	316	1	232	316	1							
16	2151 DP197 Malawi, Kapeni	30	20	30	5	264	1	1	264	1	1							
17	2156 DP197 Malawi, Kasinje	122	16	142	4	1,456	229	2	1,456	229	2							
18	2177 DP197 Malawi, Katsakera	23	12	25	3	143	259	0	143	259	0							
19	2165 DP197 Malawi, Lakeview	25	20	39	6	175	172	0	175	172	0							
20	2158 DP197 Malawi, Lizulu	55	22	73	7	226	309	0	226	309	0							
21	2169 DP197 Malawi, Manjawira	22	22	31	7	57	134	0	57	134	0							
22	2160 DP197 Malawi, Masasa	9	9	9	2	183	15	0	183	15	0							
23	2176 DP197 Malawi, Matanda	14	11	16	3	112	107	1	112	107	1							
24	2184 DP197 Malawi, Matchereza	20	16	20	3	180	134	0	180	134	0							
25	2179 DP197 Malawi, Mikoke	27	27	30	7	89	112	0	89	112	0							
26	2159 DP197 Malawi, Mlanda	29	29	44	9	198	26	0	198	26	0							
27	2166 DP197 Malawi, Mlangeni	25	25	30	7	93	89	0	93	89	0							
28	2171 DP197 Malawi, Mphepozina	58	15	70	4	350	475	1	350	475	1							
29	2172 DP197 Malawi, Muluma	23	23	25	7	58	109	0	58	109	0							
30	2148 DP197 Malawi, Mzama	30	20	38	6	111	132	0	111	132	0							
31	2150 DP197 Malawi, Namisu	12	16	14	4	49	66	1	49	66	1							
32	2145 DP197 Malawi, Nsipe	72	22	88	6	707	36	0	707	36	0							
33	2178 DP197 Malawi, Nsiyaludzu	112	22	129	6	460	655	0	460	655	0							
34	2180 DP197 Malawi, Ntcheu	85	14	104	4	1,328	159	1	1,328	159	1							
35	2152 DP197 Malawi, Ntonda	35	23	41	7	170	158	0	170	158	0							
36	2157 DP197 Malawi, Phanga	25	33	26	7	42	89	0	42	89	0							
37	2170 DP197 Malawi, Senzani	35	20	38	5	191	220	0	191	220	0							
38	2168 DP197 Malawi, Sharpevalley	93	25	119	6	461	464	0	461	464	0							
39	2174 DP197 Malawi, Tsangano	47	19	62	5	263	187	0	263	187	0							