



Ntcheu District, Malawi

**Post-Distribution Check-Up (PDCU)
At 18 - months**

June 2017

REPORT

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For: Against Malaria Foundation**

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1. Executive Summary

This report represents the results of the 18 months PDCU conducted in December 2017. Data was gathered in all of the district's 39 Health Centre Catchment Areas (HCCAs). 162,934 households (HH) were randomly selected and visited unannounced. This check-up was carried out at 18 months after the distribution.

At 18 months post-distribution, sleeping space coverage with a viable net was 50%.

Net hang-up, condition and 'net present but not hung' information for each of the 39 HCCAs has been passed to Ntcheus'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.

2. Background

Ntcheu District is one of Malawi's 39 districts and has a population of 724,511 people and 162,934 households. A universal coverage distribution of 424,436 nets was carried out from 20th October 2015 to 15th March 2016.

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 hence this is a third after the distributions.

3. Results

Results and discussions.

- 7,547 randomly selected households were interviewed representing 90% of the targeted households
- 19,491 nets checked
- 9,778 nets were found to still be in hung use, representing 50.17%
- 2,668 AMF nets were present but not hung representing 13.69%
- 2,026 AMF nets were missing representing 10.39%
- 5,019 nets were found to have been worn out and not usable representing 25.75%

See Appendix 2 for detailed results and findings.

Net Hung

Doviko health facility recorded the highest number of nets hung by percentage since out of 158 received 125 were found to be in use representing 78%, while Kampange health Facility recorded the lowest percentage of nets found in use with 31% as out of 388 nets, 120 were found to be still in use.

Net present but not Hung

Kmapange health facility had the highest number on nets that were found to be present but not being used, with 30% as the survey revealed that of 322 nets distributed 115 nets were present

while Mlangeni health facility registered a 3% net present but not hung as it recorded 3 nets of 107 nets received which was the lowest.

Missing Nets

Masasa , Mphepozinayi, lakeview and Nsipe health facilities had the highest number of nets recorded missing, with both 17% as of the Masasa 238 nets received 14 nets ,Mphepozinayi 433 nets received 75,Nsipe 594 nets received 101 and Lakeview 310 Nets received 53 were missing while Doviko and Phanga health facilities had the lowest missing nets as of 154 net received there were 4 and of 158 net received there were 5 nets missing both facilities representing 3%.

Nets worn out/not Usable

Katsekera health facility had the highest number of nets that were found in a worn out or not usable state as out of 503 nets received 239 nets were found to be worn out representing 48% while Sharp valley health facilities had the lowest percentage of nets in not usable state of 12% since of 1,457 nets received they had 175 nets recorded respectively.

See Appendix 2 for detailed results and findings.

4. How the work was carried out and key decisions

Schedule

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

Planning

The PDCU team leader led the planning. See the PDCU-18 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-18 Budget vs Actual document.

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).

From lessons learned from earlier PDCUs, it was decided to continue with the focused team of 20 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 less days collecting data with a day on each health facility rather than the one or several days if not 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 on June 18th, 2017, conducted by UP 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 20 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

Ntcheu district has 39 health facilities. It was decided to collect data from 5% of households in all HCCA where we carried out the distributions; this meant a different number of households in each HCCA as per individual health facility populations.

Between 52 and 619 households were randomly selected from each of the selected 8 to 181 villages, depending on the HCCA, with the villages also selected at random.

Villages were randomly selected using the village lists generated from the pre-distribution and distribution work for the 20th October 2015 to 15th March 2016 AMF-funded universal coverage LLIN distribution. A random number table was used to select the villages.

Data collection

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

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

From the selected households, both men and women households heads were interviewed upon giving consent and signing on the form to indicate acceptance. Each data collector was assigned

a village under the health center on which data collection was planned for that particular day, guided by their assigned supervisor. Each data collector visited 20 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 two 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 the district (Ntcheu PDCU-12) by AMF meant the data entry proceeded with almost no errors. This reduced the error-checking phase to almost nothing.

5. Finances

The budget was \$22,540

The actual cost was \$20,212

Budget vs actual costs (USD)

| ITEM | BUDGET COST | ACTUAL COST | DELTA |
|----------------------|-------------|-------------|--------|
| BRIEFING/ORIENTATION | 404 | 475 | 17.6% |
| DATA COLLECTION | 20,834 | 17,969 | -13.8% |
| DATA ENTRY | 469 | 656 | 39.9% |
| MANAGEMENT | 833 | 1,111 | 33.4% |
| TOTAL | US\$22,540 | US\$20,212 | -10.3% |

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 United Purpose 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.

7. Acknowledgements

Special acknowledgement should be made to the Ntcheu District Health Management Team and the Malaria Coordinator (MC) Mr. Nicholas Mwamlima and the Assistant Environmental Health Officer (AEHO) Mr. Rudolph 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. This team worked even beyond normal working hours just to accomplish the mission and meet the timelines.

Appendix 1 - Health Areas and households visited

| DATA COLLECTION PLAN | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|----------------|--------------|---------------|---------------|-----------------|----------------|--------------|-------------|-------------|--------------|--------------|----------------|-------------------|--------------|-----------------|-----------------|--------------|--------------|-----------------|------------|-----------|
| List of villages per health Facility | | | | | | | | | | | | | | | | | | | | | |
| HEALTH CENTRE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| 1 | BIULA | Chinkondenji | Katoleza | Majiga 1 | Tambala | Akubalira 2 | Chapola | Chauluka 3 | Gada 2 | Hawa | Kalata | Kalumba | Kamakoko | Khomera 1 | Kuminga 1 | Kuminga 2 | Lazaro | Livalo | Livalo chabwera | Majiri | Mauyana |
| 2 | BIRWIRI | chipusile 1 | Daudi | Kamuuzeni 1 | chingawa | Chipula | Galeta | Kambebe | Kasamba | katsalabande | Ntambalika | | | | | | | | | | |
| 3 | BWANJE | Chawanje 2 | Chawanje ADMA | Chikadya 1 | Chimwala | Hoda | Kalolo | Kanyoza 1 | Kapasule | Mawira | Mkhwangwanya | Mnkhwani 3 | Mose | Mphoola 1 | Mwadzaangati | Nankhombe | Njuli | Nkhwani 4 | Nkhwani 5 | Pendanyama | Thokozani |
| 4 | CHAMPITI | EMOSI | Malinda | Maluku | Mpulula | njolomole | Nsamyanda | Phikani | | | | | | | | | | | | | |
| 5 | CHIGODI | Chipojola | Dzoole | Gidion | Kancholo | Lazaro | Magombo | Thondoya 1 | Zintambira | | | | | | | | | | | | |
| 6 | CHIKANDE | Austain | Chibalala 2 | gomile | kateza | magombo | majere | Mapondela | Mateketa | mpoya | Namboya | | | | | | | | | | |
| 7 | CHIKOWA | John | njezama | Zidana | | | | | | | | | | | | | | | | | |
| 8 | CHIOLE | Chimwaye | Kamwendo 1 | Kanyemba | mkolimbo | Zioya | | | | | | | | | | | | | | | |
| 9 | DOVIKO | Doviko | Kabango 2 | Sawo | William | | | | | | | | | | | | | | | | |
| 10 | DZONZI MVAI | Dzonzi-Mvai | Kamuuzeni | Zidana | | | | | | | | | | | | | | | | | |
| 11 | DZUNJE | Chimwala | Jingo | Pendantama | Binya | Chingwalu | kaimaima | KALUMWAI | Kamiza | kamkwindo | KANZANGAZA | Khwangwala | majuwa | Ndadzala | tavekenji | ching'ombe | Hawilani | Malonda | Mmemo | Mthinda | Saiwa |
| 12 | GOWA | Chauluka | Chembekeza | Galeta | Kamwaza | Makala | Makhoyo | Mwalo 1 | Nzangaya | Zimenyana | | | | | | | | | | | |
| 13 | KALIMANJIRA | bemerani | kalimanjira 2 | Kalimanjira 3 | kaweya | SANDE | TAPANI 1 | willson | | | | | | | | | | | | | |
| 14 | KAMPANJE | kampanje2 | Kampanje3 | Kanjuzi | Kaziputa | Mabena | Mitchi | | | | | | | | | | | | | | |
| 15 | KANDEU | Chatchuka | Chawoyoka | chizuzu 2 | Chizuzu I | Gwaza | Kalipande 2 | kambadya | Kumbuwa | Mathotho | M'manja | Muuso 1 | Muuso 3 | Thuta | tofu | | | | | | |
| 16 | KAPENI | James | Kabango | Kamwamba III | Kapulula | Malenga | Mbamba | | | | | | | | | | | | | | |
| 17 | KASINJE | chinkwende | Chiotcha | Chipezeyani | chisasa | Ganya 3 | Kambale | Kambewa 2 | Kampheko 2 | mafuwa | masutso | Matsatsa | Mchokera | mdzozzo | Mitongwe | Mtambalika 2 | mtete | Mtovonya | ndsauka | njelema 1 | Ntunda |
| 18 | KATSEKERA | Tachitire | Thunga 1 | Tilekane | Zanengeya | Chikhumba | Dzinyenyero | Khungule | Kupsamtima | masase 2 | Mbululu | Mfuti | Ndaluzza | Samuel | Thundu | | | | | | |
| 19 | LAKEVIEW | Biliati | Chauluka | DZING'ANDA | Joswa | kakhobwe 1 | Kakhobwe 2 | Kandoma 1 | Kandoma 2 | Nenani | Chabwera 2 | | | | | | | | | | |
| 20 | LIZULU | Chikhamwazi | Gulo | Kabwazi | Mphoyo | Njplomole 1 | Thom | | | | | | | | | | | | | | |
| 21 | MANJAWIRA | Gambatula | Kachiyea | Kaiya | KALILOMBE | Maluza | MAPIRA | mzamani 2 | Mzamani 3 | Nkolimbo I | Zidana | | | | | | | | | | |
| 22 | MASASA | Chagoma | kawala 2 | Kunyangwi | Liphava | Manjawira | | | | | | | | | | | | | | | |
| 23 | MATANDA | Chapita | kahumbe | kalima2 | manyanje | | | | | | | | | | | | | | | | |
| 24 | MATCHE REZA | Chowamba | Goli | Chiwale | Kafumbata | Mtengowabond | Jumbe 1 | Thema | | | | | | | | | | | | | |
| 25 | MIKOKE | BILWITA | GANGAWAKO | HOWA | matchereza II | NAMAGONA | | | | | | | | | | | | | | | |
| 26 | MLANDA | Njunga 1 | Nkonde 1 | Nkonde 2 | Tsikulamowa 1 | | | | | | | | | | | | | | | | |
| 27 | MLANGENI | Balamu 1 | Balamu 2 | Mtambalika | Beka | Timote | yosefe | | | | | | | | | | | | | | |
| 28 | MP HEP OZINAVI | Donda | Julius | Kang'oma | Thanganyika | Waiyatsa | | | | | | | | | | | | | | | |
| 29 | MULUMA | Chiluzi II | Chimpuza | Ching'amba | chitsuro | kadwala | kamtsitsi | kansapato 1 | Kansapato 2 | Mtumba | Chibalala | edward | Kaudza 1 | Mapazi | Matalala | Pamdule | potolani | Zuza | | | |
| 30 | MZAMA | Chakaniza | kadammanja | chimkwandala | Makwatha | ndombo | | | | | | | | | | | | | | | |
| 31 | NAMISU | Chimkonda | Dickson | dzamba | Kalonga | Madana | phalula | zawanda | | | | | | | | | | | | | |
| 32 | NSIPE | Banda | Bonongwe 2 | Kanama | | | | | | | | | | | | | | | | | |
| 33 | NSIYALUDZU | Chingwalu | Hau | Kalipeta | kampepuza | Mbirimtengeren | Pheza | S. Zidana | galuakauwa | hambahamba | Saidi | Sullo | Chikafa | Chikomba | Fulatila | kapalamula | | | | | |
| 34 | NTCHEU D.H. | Adamu | Alasala 2 | chimutu 1 | chinzakadzi | ellia | gomeleya 1 | Goveya | Gumbi 1 | Gumbi 2 | Gwaza 1 | gwaza 2 | Hellani | K Malele | kauwa | Mberengwa | Mpakiza | Ngwangwa | Nsiyaludzu 1 | Sabwera 2 | siliya |
| 35 | NTONDA | Tcheza | | | | | | | | | | | | | | | | | | | |
| 36 | PHANGA | Sandalamu | Ben Chinseu | Ben Kadzilawa | chagwamomwe | Chimalizeni | DCS | Dzoole 1 | Dzoole 2 | eneya 1 | Eneya 4 | gomeza | Gongolo | gongonya | Gwaza | kachimanga | kandota | Kanzingeni I | KASALE 2 | Khangamwa | machila |
| 37 | SENZANI | Mastimale | new lines | police lines | senior quarters | thewa | Zakutchire 2 | Chibondo | zipirana | Kalumbu 1 | Kalumbu 3 | Mastimale | new lines | police lines | senior quarters | thewa | Zakutchire 2 | Chibondo | zipirana | Kalumbu 1 | Kalumbu 3 |
| 38 | SHARPVALE | Kanenedi | | | | | | | | | | | | | | | | | | | |
| 39 | TSANGANO | Bwenje3 | Chabwera2 | Dambule1 | Faiti | Lazalo | Londalonda | Matale | | | | | | | | | | | | | |
| | | Chigome | Kadzungu 2 | Maseze 1 | | | | | | | | | | | | | | | | | |
| | | Chidokowe 2 | Chimpini | Ebulo | MASUNDA 1 | Masunda II | matale 2 | Senzani I | Senzani II | | | | | | | | | | | | |
| | | Agabu I | Benes 1 | Benes 2 | Bizalileli | Chayera | Ching'amba 2 | Kulanga I | Kulanga II | Mkuphe | motisa | Ndembo | Pelekani | Saiti 2 | Saiti II | Saiti Machera I | | | | | |
| | | Gochi 1 | Gochi 2 | kankhuni | Kavala III | Mafuta 1 | Mdzawira 1 | Saulosi | Willy | Bayani | Katsala 2 | Katsala Mbande | Mdzawira Phambala | | | | | | | | |

| LIST OF HOUSEHOLDS PER HEALTH CENTRE | | | | | | | |
|--------------------------------------|-------------------|-----------------------------|---------------------------|------------------------|------------------------|------------------------|------------------|
| | Health Centre | Registered Households (HHs) | Total Registered Villages | % of Villages to visit | # of Villages to visit | # of HHs to visit (5%) | # of HHs/Village |
| 1 | BILILA H.F. | 10,449 | 49 | 35% | 17 | 522 | 31 |
| 2 | BIRIWIRI H.F | 3,970 | 22 | 35% | 8 | 199 | 25 |
| 3 | BWANJE H.F. | 9,135 | 38 | 35% | 13 | 457 | 35 |
| 4 | CHAMPITI H.F. | 2,725 | 23 | 35% | 8 | 136 | 17 |
| 5 | CHIGODI H.F. | 3,367 | 16 | 35% | 6 | 168 | 28 |
| 6 | CHIKANDE H.F. | 4,275 | 28 | 35% | 10 | 214 | 21 |
| 7 | CHIKOWA | 1,031 | 9 | 35% | 3 | 52 | 17 |
| 8 | CHIOLE H.F | 1,949 | 12 | 35% | 4 | 97 | 24 |
| 9 | DOVIKO H.F. | 1,702 | 9 | 35% | 3 | 85 | 28 |
| 10 | DZONZI MVAI H.F. | 1,034 | 8 | 35% | 3 | 52 | 17 |
| 11 | DZUNJE H.F | 8,672 | 43 | 35% | 15 | 434 | 29 |
| 12 | GOWA H.F. | 3,669 | 25 | 35% | 9 | 183 | 20 |
| 13 | KALIMANJIRA | 2,668 | 14 | 35% | 5 | 133 | 27 |
| 14 | KAMPANJE H.F. | 2,583 | 17 | 35% | 6 | 129 | 22 |
| 15 | KANDEU H.F. | 5,855 | 35 | 35% | 12 | 293 | 24 |
| 16 | KAPENI H.F | 2,582 | 22 | 35% | 8 | 129 | 16 |
| 17 | KASINJE H.F. | 14,259 | 181 | 35% | 63 | 713 | 11 |
| 18 | KATSEKERA H.F. | 3,951 | 21 | 35% | 7 | 198 | 28 |
| 19 | LAKE VIEW H.F. | 2,294 | 11 | 35% | 4 | 115 | 29 |
| 20 | LIZULU H.F. | 4,254 | 23 | 35% | 8 | 213 | 27 |
| 21 | MANJAWIRA H.F. | 1,861 | 9 | 35% | 3 | 93 | 31 |
| 22 | MASASA H.F. | 1,650 | 11 | 35% | 4 | 83 | 21 |
| 23 | MATANDA H.F. | 2,325 | 13 | 35% | 5 | 116 | 23 |
| 24 | MATCHEREZA | 1,745 | 15 | 35% | 5 | 87 | 17 |
| 25 | MIKOKE H.F. | 1,733 | 11 | 35% | 4 | 87 | 22 |
| 26 | MLANDA H.F. | 1,935 | 17 | 35% | 6 | 97 | 16 |
| 27 | MLANGENI H.F. | 1,764 | 9 | 35% | 3 | 88 | 29 |
| 28 | MPHEPOZINAYI H.F. | 7,552 | 47 | 35% | 16 | 378 | 24 |
| 29 | MULUMA H.F. | 1,658 | 15 | 35% | 5 | 83 | 17 |
| 30 | MZAMA H.F. | 2,994 | 20 | 35% | 7 | 150 | 21 |
| 31 | NAMISU | 1,128 | 9 | 35% | 3 | 56 | 19 |
| 32 | NSIPE H.F. | 6,091 | 36 | 35% | 13 | 305 | 23 |
| 33 | NSIYALUDZU H.F. | 9,110 | 52 | 35% | 18 | 456 | 25 |
| 34 | NTCHEU D.H., | 12,379 | 61 | 35% | 21 | 619 | 29 |
| 35 | NTONDA H.F. | 2,938 | 22 | 35% | 8 | 147 | 18 |
| 36 | PHANGA H.F. | 1,220 | 12 | 35% | 4 | 61 | 15 |
| 37 | SENZANI H.F. | 3,121 | 14 | 35% | 5 | 156 | 31 |
| 38 | SHARP VALLEY H.F. | 6,497 | 34 | 35% | 12 | 325 | 27 |
| 39 | TSANGANO H.F. | 4,809 | 24 | 35% | 8 | 240 | 30 |
| | TOTAL | 162,934 | 1,037 | | 362 | 8,149 | |

Appendix 2 - Detailed PDCU-18 results (1 page)

| 18 month PDCU | | | | | | | | | | Location | | | | | | | | | | |
|---------------|------------|---|---|--------------|-----|-----------------|------|--------|------|---------------|-------|-------|------------------|-------|---------|-------|----------------------|-------|--------|---|
| Region | Households | | | Forms Signed | | Sleeping Spaces | | People | | AMF Nets | | | | | | | | | | |
| | Target | # | % | # | % | # | #/hh | # | #/ss | Nets Received | Hung | | Present not hung | | Missing | | Worn out/ not usable | | M + WO | |
| | | | | | | | | | | # | # | % | # | % | # | % | # | % | # | % |
| | 7,547 | | | 7,481 | 99 | 17,599 | 2.33 | 33,293 | 1.89 | 19,491 | 9,778 | 50.17 | 2,668 | 13.69 | 2,026 | 10.39 | 5,019 | 25.75 | 36.14 | |
| Bilira | 598 | | | 598 | 100 | 1,356 | 2.27 | 2,590 | 1.91 | 1,540 | 834 | 54 | 221 | 14 | 174 | 11 | 311 | 20 | 31 | |
| Biriwiri | 275 | | | 275 | 100 | 651 | 2.37 | 1,217 | 1.87 | 696 | 337 | 48 | 91 | 13 | 70 | 10 | 198 | 28 | 39 | |
| Bwanje | 539 | | | 539 | 100 | 1,200 | 2.23 | 2,397 | 2.00 | 1,337 | 708 | 53 | 280 | 21 | 131 | 10 | 218 | 16 | 26 | |
| Champiti | 108 | | | 108 | 100 | 258 | 2.39 | 452 | 1.75 | 321 | 194 | 60 | 28 | 9 | 41 | 13 | 58 | 18 | 31 | |
| Chigodi | 132 | | | 132 | 100 | 310 | 2.35 | 617 | 1.99 | 300 | 161 | 54 | 37 | 12 | 14 | 5 | 88 | 29 | 34 | |
| Chikande | 195 | | | 195 | 100 | 456 | 2.34 | 916 | 2.01 | 452 | 237 | 52 | 48 | 11 | 29 | 6 | 138 | 31 | 37 | |
| Chikowa | 57 | | | 57 | 100 | 127 | 2.23 | 219 | 1.72 | 135 | 90 | 67 | 15 | 11 | 8 | 6 | 22 | 16 | 22 | |
| Chiole | 174 | | | 174 | 100 | 424 | 2.44 | 737 | 1.74 | 448 | 194 | 43 | 57 | 13 | 52 | 12 | 145 | 32 | 44 | |
| Doviko | 84 | | | 82 | 98 | 182 | 2.17 | 373 | 2.05 | 158 | 124 | 78 | 6 | 4 | 5 | 3 | 23 | 15 | 18 | |
| Dzonzi-Mvai | 24 | | | 22 | 92 | 34 | 1.42 | 83 | 2.44 | 48 | 25 | 52 | 10 | 21 | 3 | 6 | 10 | 21 | 27 | |
| Dzunje | 358 | | | 351 | 98 | 851 | 2.38 | 1,600 | 1.88 | 877 | 417 | 48 | 141 | 16 | 131 | 15 | 188 | 21 | 36 | |
| Gowa | 188 | | | 187 | 99 | 408 | 2.17 | 758 | 1.86 | 514 | 225 | 44 | 89 | 17 | 67 | 13 | 133 | 26 | 39 | |
| Kalimanjira | 136 | | | 136 | 100 | 320 | 2.35 | 618 | 1.93 | 333 | 170 | 51 | 54 | 16 | 35 | 11 | 74 | 22 | 33 | |
| Kampanje | 134 | | | 132 | 99 | 326 | 2.43 | 568 | 1.74 | 388 | 120 | 31 | 115 | 30 | 49 | 13 | 104 | 27 | 39 | |
| Kandeu | 230 | | | 229 | 100 | 543 | 2.36 | 1,045 | 1.92 | 616 | 251 | 41 | 108 | 18 | 59 | 10 | 198 | 32 | 42 | |
| Kapeni | 188 | | | 183 | 97 | 458 | 2.44 | 812 | 1.77 | 461 | 160 | 35 | 45 | 10 | 51 | 11 | 205 | 44 | 56 | |
| Kasinje | 691 | | | 670 | 97 | 1,565 | 2.26 | 3,170 | 2.03 | 1,881 | 1,051 | 56 | 299 | 16 | 185 | 10 | 346 | 18 | 28 | |
| Katsekera | 223 | | | 220 | 99 | 512 | 2.30 | 1,021 | 1.99 | 503 | 210 | 42 | 22 | 4 | 32 | 6 | 239 | 48 | 54 | |
| Lakeview | 98 | | | 97 | 99 | 252 | 2.57 | 433 | 1.72 | 310 | 137 | 44 | 21 | 7 | 53 | 17 | 99 | 32 | 49 | |
| Lizulu | 281 | | | 281 | 100 | 693 | 2.47 | 1,234 | 1.78 | 791 | 405 | 51 | 93 | 12 | 51 | 6 | 242 | 31 | 37 | |
| Manjawira | 160 | | | 157 | 98 | 386 | 2.41 | 725 | 1.88 | 436 | 212 | 49 | 50 | 11 | 58 | 13 | 116 | 27 | 40 | |
| Masasa | 95 | | | 95 | 100 | 213 | 2.24 | 416 | 1.95 | 238 | 102 | 43 | 33 | 14 | 41 | 17 | 62 | 26 | 43 | |
| Matanda | 124 | | | 124 | 100 | 264 | 2.13 | 557 | 2.11 | 244 | 126 | 52 | 11 | 5 | 17 | 7 | 90 | 37 | 44 | |
| Matchereza | 126 | | | 126 | 100 | 301 | 2.39 | 590 | 1.96 | 305 | 125 | 41 | 35 | 11 | 31 | 10 | 114 | 37 | 48 | |
| Mikoke | 34 | | | 34 | 100 | 120 | 3.53 | 178 | 1.48 | 129 | 53 | 41 | 13 | 10 | 14 | 11 | 49 | 38 | 49 | |
| Mlanda | 43 | | | 43 | 100 | 102 | 2.37 | 177 | 1.74 | 107 | 55 | 51 | 11 | 10 | 9 | 8 | 32 | 30 | 38 | |
| Mlangeni | 47 | | | 47 | 100 | 115 | 2.45 | 193 | 1.68 | 107 | 42 | 39 | 3 | 3 | 8 | 7 | 54 | 50 | 58 | |
| Mphepozinayi | 159 | | | 159 | 100 | 370 | 2.33 | 714 | 1.93 | 433 | 219 | 51 | 60 | 14 | 75 | 17 | 79 | 18 | 36 | |
| Muluma | 87 | | | 83 | 95 | 200 | 2.30 | 376 | 1.88 | 248 | 102 | 41 | 47 | 19 | 31 | 13 | 68 | 27 | 40 | |
| Namisu | 67 | | | 67 | 100 | 146 | 2.18 | 308 | 2.11 | 162 | 60 | 37 | 11 | 7 | 16 | 10 | 75 | 46 | 56 | |
| Nsipe | 233 | | | 233 | 100 | 533 | 2.29 | 996 | 1.87 | 594 | 283 | 48 | 102 | 17 | 101 | 17 | 108 | 18 | 35 | |
| Nsiyaludzu | 541 | | | 535 | 99 | 1,254 | 2.32 | 2,319 | 1.85 | 1,400 | 697 | 50 | 163 | 12 | 140 | 10 | 400 | 29 | 39 | |
| Ntcheu D.H.O | 503 | | | 503 | 100 | 1,305 | 2.59 | 2,233 | 1.71 | 1,457 | 943 | 65 | 207 | 14 | 132 | 9 | 175 | 12 | 21 | |
| Ntonda | 103 | | | 102 | 99 | 233 | 2.26 | 406 | 1.74 | 251 | 126 | 50 | 34 | 14 | 19 | 8 | 72 | 29 | 36 | |
| Nzama | 189 | | | 189 | 100 | 405 | 2.14 | 774 | 1.91 | 451 | 186 | 41 | 43 | 10 | 32 | 7 | 190 | 42 | 49 | |
| Phanga | 53 | | | 51 | 96 | 139 | 2.62 | 268 | 1.93 | 154 | 61 | 40 | 10 | 6 | 4 | 3 | 79 | 51 | 54 | |
| Senzani | 82 | | | 81 | 99 | 164 | 2.00 | 326 | 1.99 | 214 | 106 | 50 | 21 | 10 | 25 | 12 | 62 | 29 | 41 | |
| Sharp Valley | 15 | | | 15 | 100 | 33 | 2.20 | 64 | 1.94 | 32 | 14 | 44 | 9 | 28 | 5 | 16 | 4 | 13 | 28 | |
| Tsangano | 173 | | | 169 | 98 | 390 | 2.25 | 813 | 2.08 | 420 | 216 | 51 | 25 | 6 | 28 | 7 | 151 | 36 | 43 | |