

2018 MALAWI IMPACT REPORT



WORLD BICYCLE RELIEF MOBILIZES PEOPLE THROUGH THE POWER OF BICYCLES.

We envision a world where distance is no longer a barrier to independence and livelihood.

MALAWI COUNTRY PROFILE



17.6M
POPULATION¹



186/Km²
POPULATION DENSITY¹



84% LIVE IN RURAL AREAS¹



16% LIVE IN URBAN COMMUNITIES¹

In areas of Malawi where walking is the primary mode of transportation, distance is a challenge to earning a livelihood.



59%
OF MALAWIANS LIVE BELOW
THE NATIONAL POVERTY LINE²

SCHOOL ENROLLMENT RATE⁶

98%



PRIMARY GIRLS

31%



SECONDARY GIRLS

94%



PRIMARY BOYS

32%



SECONDARY BOYS



LIFE EXPECTANCY³

64.2 YEARS



HIV PREVALENCE⁴

9.6%



ACCESS TO SAFE WATER⁵

87%

REFERENCES:

- 1) http://www.nsomalawi.mw/index.php?option=com_content&view=article&id=226:2018-malawi-population-and-housing-census&catid=8:reports&Itemid=6
- 2) http://www.nsomalawi.mw/images/stories/data_on_line/economics/ihs/IHS4/IHS4%20REPORT.pdf

- 3) <https://www.who.int/countries/mwi/en/>
- 4) <http://www.unaids.org/en/regionscountries/countries/malawi>
- 5) http://www.nsomalawi.mw/index.php?option=com_content&view=article&id=226:2018-malawi-population-and-housing-census&catid=8:reports&Itemid=6
- 6) https://www.epdc.org/sites/default/files/documents/EPDC_NEP_2018_Malawi.pdf

DEAR FRIENDS

It gives me great pleasure to update you on some of highlights of 2018, World Bicycle Relief's second year of operation in Malawi:

- This year World Bicycle Relief (WBR) Malawi continued its partnership with FHI360 and the Ministry of Education, Science and Technology (MoEST) to implement our Bicycles for Educational Empowerment Program (BEEP). A total of 22 secondary schools in Zomba and Machinga districts received 2,400 Buffalo Bicycles.
- We piloted our health program, Wheels for Integrated and Sustainable Health (WISH) through our partners Baylor College of Medicine and Save the Children, where we provided bicycles for 43 healthcare facilities to improve community health service delivery.
- Through our programs and social enterprise sales, Buffalo Bicycles has an increased presence and brand recognition in select areas of Malawi and the Buffalo is firmly associated with WBR. Not only are Buffalo Bicycles being bought by organizations but also increasingly by individuals. The opening of a Buffalo Shop in Lilongwe has further increased brand visibility and access to spare parts.
- In 2018, we expanded our reach to different sectors including the dairy industry (agriculture) and the urban bike taxi industry. Our bicycles also made their way into the conservation space to help wardens protect the animals from poachers.
- In 2019, we will open a Buffalo Bicycles shop in Zomba to support our BEEP and WISH programs in the area.

We are most grateful to our supporters for joining us in changing the lives of our children and for helping our communities flourish through the Power of Bicycles.

We wish to thank our partners as well as our valued customers for their support in 2018. We also wish to thank our staff for their commitment and hard work throughout the year.



FM TANGADURA

Farayi Mtangadura

Country Director Malawi

World Bicycle Relief

Plot number 21/2/25 , Njerwa

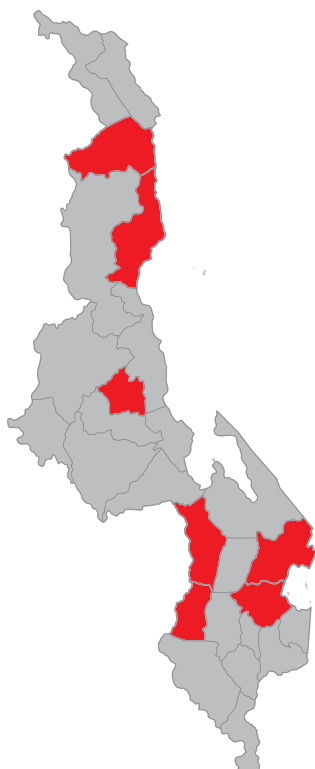
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OUR IMPACT IN MALAWI

WHERE WE WORKED IN 2018

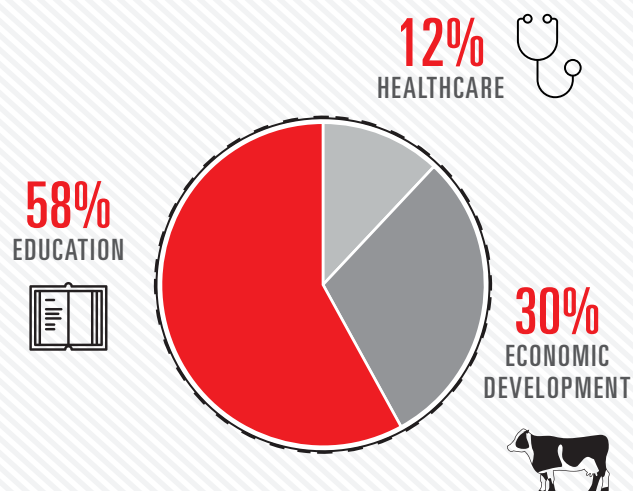


Program Sector	Type	Location	Partner	# of Bicycles
EDUCATION	PHILANTHROPIC	Zomba	FHI360/ MoEST	119
		Machinga	MoEST	943
		Zomba	MoEST	1,338
		TOTAL		2,400
EDUCATION	SOCIAL ENTERPRISE	Various	Various	32
HEALTHCARE		Various	Various	495
ECONOMIC DEVELOPMENT		Various	Various	1,263
		TOTAL		1,790

PHILANTHROPIC DISTRIBUTIONS & SOCIAL ENTERPRISE

	2018	TOTAL TO DATE
 PHILANTHROPIC PROGRAMS	2,400	5,442
 SOCIAL ENTERPRISE	1,790	4,827
 TOTAL BICYCLES DISTRIBUTED	4,190	10,269
 MECHANICS TRAINED	43	69

BY PROGRAM SECTOR



Program Sector percentages are based on 2018 bicycle distribution data.

MONITORING & EVALUATION

At World Bicycle Relief we believe that all answers are found in the field. As this ethos lies at the heart of our organization, we have a dedicated Monitoring and Evaluation (M&E) team that extensively measures the impact of our bicycles and programs in the communities in which we operate. Through data collection and face-to-face interactions, we capture data and process the results, not only to demonstrate where our donor money goes, but also to help us continuously improve our programs and our Buffalo Bicycles.

What we measure:

PERFORMANCE

We monitor attendance, performance, empowerment and retention as well as overall bicycle usage

ACCOUNTABILITY

We ensure accountability through monthly reporting and termly meetings with our Bicycle Supervisory Committees (BSCs) and partners

DURABILITY

We evaluate trends related to the durability of our bicycles through service logs and conversations with our specially-trained Buffalo Bicycle mechanics

SUSTAINABILITY

We look at baseline through to endline evidence and monitor all aspects of our programs to ensure longevity and sustainable impact



BREAKING THE CYCLE AND BREAKING THE RECORD

Chrispine lives in Mlinde, a rural village in the Machinga district of the Southern Region of Malawi, one of the poorest and most densely-populated areas of the country. Due to socio-economic issues and the lack of infrastructure, education has never been a high priority in Chrispine's community and not many people believe in the importance of finishing school.

Despite this, Chrispine was determined to get an education. To reach the nearest secondary school to his village, Namandanje Community Day Secondary School, he would walk 16km each way, a journey that would take nearly three hours.

"I would often miss some morning lessons because I was late most of the times," Chrispine laments. "It was difficult to concentrate in class because I was feeling tired and lost in thought about my long journey back home, and I wouldn't be able to study at home in the evenings because I would get home late."

In 2018, WBR's BEEP was implemented at Chrispine's school and he was selected as a recipient of a Buffalo Bicycle.

With the bicycle, Chrispine has reduced his travelling time by over an hour each way. He now gets to school on time, never misses any morning lessons and he has extra energy to study at home in the evenings because he arrives early. His academic results have improved dramatically and he recently scored the best grades ever recorded in the history of his school. He is currently waiting to write university entrance exams. Since BEEP was implemented at Namandanje Community Day Secondary School, the school has also recorded its best performance to date.

But the benefits of the bicycle go beyond Chrispine's school success. The bicycle has also helped his household. Outside of school hours, Chrispine helps his parents cart vegetables to market to sell, which has stimulated the family's income, and his parents also use the bicycle to run errands.

BEEP ACTIVITIES IN 2018



BICYCLES
DISTRIBUTED

2,400



SCHOOLS
REACHED

22



SCHOOLS ATTENDED
TERMLY COORDINATION
MEETINGS

9



BICYCLE SUPERVISORY
COMMITTEES TRAINED

13



NEW MECHANICS
TRAINED

14

BICYCLES FOR EDUCATIONAL EMPOWERMENT PROGRAM (BEEP)

CASE STUDY: FHI360

In 2018, WBR Malawi continued its partnership with the Ministry of Education, Science and Technology (MoEST) and FHI360 implementing our Bicycles for Educational Empowerment Program (BEEP) in the Zomba and Machinga districts. This year we reached 22 secondary schools with 2,400 Buffalo Bicycles distributed to students and community supporters.

We undertook regular monitoring and evaluation (M&E) of our programs which included monthly feedback and termly coordination meetings with the Bicycle Supervisory Committees (BSCs). This data helps inform our program evolution and to make improvements where necessary. Besides routine monthly and quarterly reports, WBR Malawi and FHI360 conducted a one-year evaluation of the program's impact on participants.

The findings revealed:

- **Time travelled:** The travel time for students with bicycles was 50 minutes less compared to students without bicycles, a 57% percent difference in travel time.
- After receiving a bicycle, students' average time of travel to school reduced by 26 minutes, a 25% decrease in time travel.
- **Days missed:** Students with bicycles missed 8 fewer days of school per term than those without bicycles, a 72% difference in days missed.
- Students with bicycles were 28% less likely to miss 10+ days of school than students without bicycles.
- **Days late:** Students with bicycles were late 4 fewer days per month than students without bicycles, a 82% difference.

OUTCOME IMPROVEMENTS



57%

DIFFERENCE IN
TRAVEL TIME



72%

DIFFERENCE IN
DAYS MISSED



82%

DIFFERENCE IN
DAYS LATE



HELPING THE GIRL CHILD STAY IN SCHOOL

It is not easy being a girl child in Malawi. Girls often bear the brunt of hardships in the country and their education is not always seen as a top priority. They are also expected to do a lot of the household chores before and after school and are vulnerable to being married off at a young age or falling pregnant and having to drop out of school.

Not long ago 17-year-old Bridget Walata wanted to drop out of school. A Form Four student at St Mary's Community Day Secondary School, Bridget lives with her grandmother in Mtuluma Village in the remote Machinga District. Each day she would wake up early to do her chores and then she would walk 7 km (taking almost two hours) to reach school. Despite trying her best to be on time, Bridget was almost always late and fatigue was the order of the day after the early start. She would also often get harassed by men that she passed on her way to school.

"I have always wanted to pursue my education because it is important to me and my family," says Bridget, "but it was hard because I would be punished for being late and I was not doing well in school. I considered leaving school because of all the challenges."

Bridget was given a second chance when she was selected as a beneficiary of a Buffalo Bicycle when BEEP was implemented at her school.

"When I was about to give up, World Bicycle Relief came to my rescue. With the bicycle, the two hour journey to school now takes me 30 minutes," Bridget says. "No more punishments, no fear of insults along the way and my performance has tremendously improved. You can check my grades with my form teacher," she challenges.

The bicycle has not only benefitted Bridget but her family as well. She carries her younger sibling to school on the back of her bike, and after school the bike is used by the family to access the market and clinic.

OUR SOCIAL ENTERPRISE MODEL

To ensure the sustainability of our programs, WBR Malawi continues to implement a model that combines philanthropic distributions with social enterprise sales. This helps us achieve greater efficiencies of scale and distribute more bicycles per donor dollar. In 2018, the majority of our bicycles were purchased by non-profits for their own social development programs, but we also sold direct to the public through our shop and warehouse in Lilongwe. Over 1,700 bicycles were sold to partner NGOs and individuals this year.

WHEELS FOR INTEGRATED AND SUSTAINABLE HEALTH (WISH)

The long distance to travel between villages and rural health clinics or hospitals is one of the biggest barriers to achieving positive health outcomes in developing countries like Malawi. WBR Malawi, with its partners Baylor College of Medicine and Save the Children, found bicycles to be an effective means of improving transportation to support the health outcomes outlined in the national health strategies.

In 2018, together with our partners, we piloted our Wheels for Integrated and Sustainable Health (WISH) program which provides Buffalo Bicycles for community health workers. The main goal of the program is to improve community health service delivery. Our bicycles ensure that community health workers have reliable transportation to provide quality care and services to their communities.

Overview

Through Baylor College of Medicine, WBR Malawi reached 14 health facilities in Balaka district. A further 29 health facilities were reached through Save the Children across three districts: Mwanza, Neno and Ntchisi.

In 2018, 33 Bicycle Supervisory Committees (BSCs) were formed and trained to oversee quality implementation of bicycles in a health program. BSCs are also responsible for making sure that community health workers regularly use the bicycles for the program.

To keep the bicycles maintained, ensuring sustainable impact, 13 mechanics were trained for Save the Children and 14 for Baylor College of Medicine.

To date, a total of 501 bicycles have been distributed through the WISH program. 441 bicycles went to Save the Children through

sales and matching and Baylor purchased 60 bicycles for its healthcare facilities.

Highlights

- **More patients reached:** Data from one facility demonstrated that community health workers were able to see more than double the amount of patients per day, reportedly five patients compared to two before the bicycles. Another facility reported doubling their average reach from three to six patients per day with the bicycles.
- **Greater reach:** Community health workers would need to travel up to 18 km to visit some households in their catchment area. The bicycles ensured that they could reach these families on a more regular basis.
- **Improved treatment adherence:** Due to community health workers being able to access more patients on a regular basis, reminding them of the importance of their treatment, one facility reported the number of defaulters (patients who failed to take their treatment for HIV & AIDS) dropped from 109 to eight over six months.



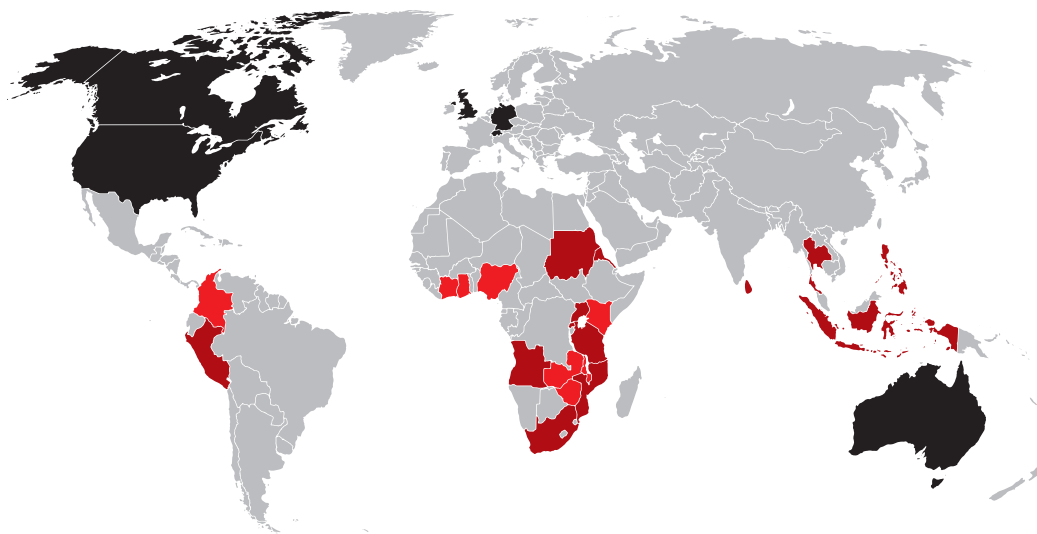
STRONG LIKE A BUFFALO



The Buffalo Bicycle has been specially designed to withstand tough conditions and rural roads, and our expert team of developers are constantly looking at ways of improving the bicycle to ensure its durability. From the solid steel frame, to the braking system, spokes, tyres, heavy-duty carrier (with a carry load of up to 100kg), seat and handlebars, right through to the optimal brand of grease needed to maintain the bicycle, World Bicycle Relief is committed to excellence

in product development and to using well-designed parts that improve the bicycle's functionality, reliability and strength – keeping the bicycles rolling. Our Buffalo Bicycles are locally assembled by our specially-trained team of assemblers, creating local jobs and ensuring that each bicycle is of the same high-quality.

WHERE WE WORK



PROGRAM LOCATIONS (2018)
Colombia, Ghana, Ivory Coast,
Kenya, Malawi, Nigeria,
Zambia, Zimbabwe

**PROGRAM LOCATIONS
(2005-2017)**
Angola, Eritrea, Indonesia,
Mozambique, Peru,
Philippines, Rwanda, South
Africa, Sudan, Sri Lanka,
Tanzania, Thailand, Uganda

FUNDRAISING OFFICES (2019)
U.S., U.K., Germany, Canada,
Australia, Switzerland

OUR GLOBAL IMPACT



208,480

PHILANTHROPIC
BICYCLES



238,860

SOCIAL ENTERPRISE
BICYCLES



447,340

TOTAL BICYCLES
DISTRIBUTED



2,201

MECHANICS
TRAINED



WORLD BICYCLE RELIEF®

WORLD BICYCLE RELIEF MOBILIZES PEOPLE THROUGH THE POWER OF BICYCLES.

WORLDBICYCLERELIEF.ORG



BUFFALO BICYCLES
MALAWI

BUILT FOR BIG LOADS ON TOUGH ROADS IN AFRICA
www.buffalobicycle.com

OFFICE/WAREHOUSE

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SHOP

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(Opposite Steers)
Zomba