



**TIMMY**  
GLOBAL HEALTH

# 2020 Annual Report

# Foreword

For the past 24 years, Timmy Global Health has provided access to primary healthcare services to low resourced communities across the globe, primarily through medical service trips.

As we all know, COVID-19 disrupted the world in early 2020, with every person and organization feeling its impact. We also know that this pandemic continues to disproportionately affect the most vulnerable and under-resourced communities and organizations. Burdened healthcare facilities, lack of medication and protective equipment, food insecurity, interruption in education, and misinformation are some of the struggles that the families and communities supported by Timmy continue to face.

As the pandemic halted world travel, we worked hard to reassess the approach to our work alongside our partner organizations, ensuring that the most vulnerable communities continue to receive the access to primary healthcare that they need and deserve. We focused our work on four different areas: access to healthcare (*see pages 2-8*), water, sanitation and hygiene (*pages 9-10*), nutrition (*pages 11-13*), and global engagement (*pages 14-15*).

We are fortunate to have had the support of our Timmy Community through this difficult time. Your continued patience, active collaboration and donations have made a significant impact on the communities we serve.

Thank you!





# Access to Healthcare

*The primary focus of our work is facilitating access to healthcare. Although only a few medical service trips took place in 2020 in comparison to previous years, Timmy has continued to support access to healthcare for vulnerable communities during the pandemic, through the work of our local partner organizations and clinics.*

## Our medical service trips in 2020

Before all travel was suspended due to the COVID-19 pandemic in March 2020, 7 medical service trips to Ecuador, Guatemala and the Dominican Republic took place. Although this is a large reduction compared to 2019, during which 31 trips were organized, each of the sites that we support was served at least once in 2020.

In total, 129 volunteers traveled in the first months of 2020 to participate in medical service trips, including 36 medical professionals, 76 students and 17 general volunteers. Together, these volunteers spent 5,068 hours working in clinic. In addition, a total of 17 doctors were hired locally to provide healthcare to patients and support the volunteer teams on our trips. In comparison, a total of 657 volunteers traveled and 84 local doctors participated in medical service trips in 2019.

During the 7 medical service trips that took place in 2020, a total of 3,024 patients across all sites were seen by medical professionals. Of these patients, 474 were referred to local health centers, hospitals and partner organizations to receive further examination and treatment. In contrast, 13,766 patients were served and 1,698 patients were referred during our trips in 2019.

*"You have given us a lot of support. I went to the brigade and was referred, and I was able to go to town, to the rehabilitation center, and they treated me well. These are the things that I feel proud of and thankful for."  
(Patient from Napo, Ecuador)*

7

medical service trips

129

volunteers traveled

17

local doctors hired

3,024

patients served

474

patients referred for follow-up care

## Our COVID-19 response

Despite not being able to organize medical service trips after March 2020 and seeing a large reduction in the impact of our trips compared to 2019, Timmy has continued to support the needs for healthcare through the work of our local partner organizations and clinics in the Dominican Republic, Ecuador, Guatemala and Nigeria. Because of the pandemic, the existing needs and struggles of these partners have only heightened, as each of them works in areas where resources were already scarce. Hence, Timmy's support was - and still is - needed more than ever.



## Our local partners

In 2020, we worked together with the following 9 local partner organizations: **32 Volcanes** (32V) (Xela, Guatemala), **Banelino** (Mao & Montecristi, Dominican Republic), **Bebor Model Nursery & Primary School** (Rivers State, Nigeria), **Centro de Salud Chontapunta** (Napó, Ecuador), **Centro de Salud Guangaje** (Guangaje, Ecuador), **Hombro a Hombro** (Santo Domingo, Ecuador), **Providence Care Community Health Initiative** (Amichi, Nigeria), **Sumak Kawsay Wasi** (Napó, Ecuador), and **Tierra Nueva** (Quito, Ecuador).

## Our support

Timmy helped partners with direct financial contributions, facilitation of donations, and programmatic support, depending on the situation of each individual partner. With this support, our partners have been able to pay for the salaries of local doctors, buy essential medications and supplies, provide personal protective equipment (PPE) to clinic staff and patients, pay for the transport of patients, train community health workers, and even start new programs - continuing to provide healthcare to their communities during the pandemic.

“My work as a health worker happens in the community, where I identify the basic needs. I do home visits to check up on peoples’ health, such as chronic patients, pregnant women, children, and those with other conditions. I give educational lessons with the goal of orienting the population so they can improve their health and I also check blood pressures and blood sugars.”

(Community health worker, Dominican Republic)

## Local medical professionals

In 2020, Timmy's financial support contributed to the salaries of 4 local doctors and 1 local nurse in the Dominican Republic, Ecuador and Guatemala. These are some of the medical professionals that have continued to provide healthcare and support to their communities during the pandemic:

# 5

local medical  
professionals funded  
by Timmy



**DR NIEVES  
HICIANO**

*Banelino, Mao,  
Dominican Republic*



**DR JUANA MARY  
GOMEZ**

*Banelino, Montecristi,  
Dominican Republic*



**RN GLENDA  
BASANTES**

*Napo, Ecuador*



**DR ESCARLETH  
PÉREZ**

*32V, Xela, Guatemala*



**DR CARMEN  
BENITEZ**

*32V, Xela, Guatemala*

Furthermore, our partners 32V, Banelino and Tierra Nueva work with 39 community health workers in total. This year, Timmy financially contributed to their training and personal protective equipment, and paid for the salaries of two of them.

## COVID-19 communication campaign

During the pandemic, Timmy also initiated a communication campaign to equip patients and families with ongoing information and support regarding COVID-19 protection and prevention. In collaboration with our partners at each site, tools such as WhatsApp were used to share infographics and voice notes in the native tongue of the different communities they serve ([see pages 5-6](#)).

## Dominican Republic

With the financial and programmatic support of Timmy, our partner organization **Banelino** has continued to provide healthcare services to patients in **Mao** and **Montecristi** during the pandemic, serving a total of 4,706 people at their clinic and during home visits, as well as conducting 168 consults via phone. In addition, Banelino's team of 5 community health workers was able to monitor 123 pregnant women and 235 chronic patients, continuously providing them with folic acid, prenatal vitamins and medications for hypertension and diabetes.

In order to do all of the above safely, personal protective equipment (PPE) was purchased for all doctors, community health workers and chronic patients - a total of 721 people. The health team also received training on contact tracing and the correct use of PPE. Moreover, 86 rapid COVID-19 tests were conducted at the Banelino clinic, and positive cases were given kits with basic medications to combat the symptoms.

Finally, Banelino was particularly active with the COVID-19 communication campaign. In total, 74 messages were shared with patients in both Spanish and Creole, of which 48 were focused on COVID-19 protective and preventive measures; the others were related to general disease prevention.



# 4,706

patients served at  
the Banelino clinic

# 721

people provided with  
personal protective  
equipment (PPE)

# 74

COVID-19 and  
general prevention  
messages shared

"One of the impacts of the messages from the communication campaign is being able to share information with our patients through cell phones, which we use daily. Even though we cannot meet in person due to social distancing, Banelino and Timmy are always hand in hand with the communities. We educate on prevention and share information with our patients so that they can share it with members of their family."  
(Banelino)

# 11,063

patients seen by  
Hombro a Hombro in  
Santo Domingo

# 3,368

patients seen by  
Tierra Nueva in  
Quito

# 22

community health  
workers trained by  
Tierra Nueva

# 21

COVID-19 prevention  
messages shared in  
Santo Domingo and  
Napo

## Ecuador

In *Santo Domingo*, our partner **Hombro a Hombro** served 11,063 patients at their clinic in 2020 - providing general medicine, cardiology, dentistry, psychology, laboratory and post-consult services - and conducted home visits to the most vulnerable patients. In addition, they distributed food kits to families that were unable to work during the pandemic; an effort to which Timmy donated. With Timmy's programmatic support, Hombro a Hombro also re-launched their program "Salud y Vida", which supports 18 chronic patients with educational sessions and clinical follow-up (*see page 13*). Finally, Timmy provided laptops for the study space that Hombro a Hombro created for youth in Santo Domingo that had to study virtually during the pandemic, without access to a computer and/or internet at home.



In *Quito*, our partner **Tierra Nueva** served 3,368 patients in total, of which 1,440 were seen during their medical brigades for chronic patients, and 1,928 were attended via phone. Timmy financially contributed to the healthcare services that these patients received. Moreover, Tierra Nueva works with 22 community health workers, who received 21 training sessions in 2020 on COVID-19 prevention and safe patient handling, and were provided with a supply of personal protective equipment (PPE) so that they could continue to serve their communities during the pandemic. As a result, they were able to safely conduct home visits to high-priority chronic patients that are part of the Timmy-Tierra Nueva chronic care program, monitoring their condition and dispensing essential medications.

In *Napo*, Timmy staff - among whom a local nurse that is on-staff year long - continued to provide support to patients that needed access to healthcare during the pandemic, making sure that 55 patients that were referred during previous brigades could get to their medical appointments. In addition, Timmy donated medications, PPE and other supplies to our partners [Sumak Kawsay Wasi](#) and the [Chontapunta health center](#), as well as 50 reusable cloth masks to the community of San Vicente, where a new water filter program was piloted in 2020 (*see page 10*).

Finally, our partners in Santo Domingo and Napo also participated in the communication campaign, sharing 21 messages on COVID-19 prevention and protective measures with the communities that they serve.

## Guatemala

With Timmy's financial and programmatic support, our partner [32 Volcanes](#) (32V) has continued to provide healthcare to 831 patients - with a total of 2,019 consults - in *Xela* and surrounding communities, both at their clinic and during home visits. 32V delivered medication to chronic patients whenever possible, and supported patients through referral care. Personal protective equipment (PPE) was provided to the most vulnerable patients to ensure their safety.

In addition, 32V started a new Community Health Worker (CHW) program in June 2020. So far, 12 CHWs (of whom two are funded by Timmy) have received 24 training sessions on topics related to public health, agroecology and nutrition. These CHWs work in their communities to directly monitor the most vulnerable patients and address the food insecurity that surged from increased unemployment during the pandemic (*see page 13*).

# 2,019

patient consults  
by 32V

# 12

community health  
workers trained

# 24

trainings given to  
community health  
workers



"After March 2020, the mobile clinics were reactivated; attending small groups in communities to keep providing medication, education and protection equipment such as masks for the more vulnerable patients."  
(32V)



# 597

patients seen by  
Providence Care in  
Amichi

## Nigeria

In Nigeria, the clinic of our partner **Providence Care Community Health Initiative** in *Amichi* remained open during the pandemic, providing healthcare services to 597 patients. All patients visiting the clinic were given reusable face masks.

However, in response to COVID-19 related food shortages, Providence Care redirected part of their funds to a new child health and nutrition program (*see page 11*). As part of this program, 708 well-child checkups were conducted.

# 708

well-child checkups  
in Amichi

In *Rivers State*, Nigeria, our partner **Bebor Model Nursery & Primary School** continued to supply and equip the sickbays at five of the schools that they support, covering more than 1,450 students. These students also received deworming treatment twice in 2020, as well as basic immunizations for measles, polio, typhoid, tetanus, and yellow fever.

# 1,450

students dewormed  
and immunized by  
Bebor in Rivers  
State

In addition, Bebor used part of their funds for the construction of a new sickbay at the school in Biara, and also redirected funds to the expansion of their nutrition program (*see page 11*). Furthermore, Bebor delivered \$3,000 in scholarships for students across the 6 schools that they support.

Timmy contributed to these initiatives in Nigeria through the facilitation of donations.





# Water, Sanitation & Hygiene

*As part of our focus area on water, sanitation & hygiene, Timmy supported two new safe water projects in Guatemala and Ecuador, providing access to and training on water treatment technologies to reduce the incidence of water-borne diseases.*

## Project: Clean Water Pilot Program

Location: Buena Vista, Xela, Guatemala

In partnership with 32V and Clean Water For the World, Timmy funded a clean water pilot program in Buena Vista, Guatemala. Buena Vista is a Mayan-Mam community about 45 minutes from Xela that has been supported by Timmy for over 10 years, through medical service trips and 32V's nutrition program.

Before the start of the pandemic, a communal water purifier was installed at the school. The system can filter 300 gallons of water per hour and lasts around 15 years. A woman from the community was trained as the Water Promoter and is in charge of revising and replacing the filter when needed.

As a result, 323 students and around 3,500 people from 600 families can now collect clean drinking water at the school. These families used to spend up to 42% of their household income on water jugs, firewood to boil water, and medical costs for the treatment of water-borne diseases. Moreover, a decrease in the incidence of diarrheal disease has already been observed by staff of the 32V clinic.

323

children and 3,500 family members have access to clean drinking water

up to a

42%

increase in household income that is no longer spent on clean water and medical costs



"Doña Maria Luisa is the Water Promoter in Buena Vista. She started as a participant in 32V's nutrition and scholarship programs, and is now a nurse. She is the only woman who is part of the community leadership board, and facilitates 32V's work with the community by organizing workshops, following up with families, and managing the maintenance of the water purifier. Sadly, children have not been in school during the pandemic, but they and their families still have access to the purifier."

(32V)

**Project: Ceramic Water Filter Pilot**  
**Location: San Vicente de Los Ríos, Napo, Ecuador**

In 2020, Timmy, in collaboration with the health center in Chontapunta, started a pilot project with ceramic water filters in San Vicente de Los Ríos, a small and remote Kichwa community located next to the Napo river.

With no running water available, 87% of the households in San Vicente use surface water (from the Napo river, for example) as their primary or secondary drinking water source, and 85% of the water samples that were collected from these households showed contamination with fecal bacteria. Hence, it is not surprising that water-borne diseases are highly common in the community; 73% of children between 0-5 years old and 47% of adults had diarrhea at least once in the month prior to the pilot.

To address this issue, locally produced ceramic filters were installed at 18 households and the primary school in the community, giving the entire community (104 people) access to clean drinking water. Representatives of each household, 39 in total, were trained on the usage and maintenance of the filters. In addition, a water committee of 7 community members was formed that will be responsible for managing the pilot, together with the promoter of the health center. Use of the filters is expected to significantly decrease the incidence of diarrhea in San Vicente.

Excitingly, several Timmy volunteers were involved in this project as well: 2 local students from Ikiam University in Tena assisted with data collection in the community, and 3 Lilly employees from the US, who volunteered with Timmy through Connecting Hearts Abroad, provided support at a distance in project planning and content creation.



# 19

ceramic water filters  
installed

# 104

household members  
are benefiting from  
improved drinking  
water quality

# 39

community members  
trained on water  
filter use and  
maintenance

# 7

people were trained  
as water committee  
members

# 5

Timmy volunteers  
participated in  
project planning  
and data collection



# Nutrition

*To address malnutrition, food insecurity, and nutrition-related non-communicable diseases in vulnerable communities, Timmy supports several nutrition programs of our local partners in Nigeria, Guatemala and Ecuador.*

**Project: Nutrition Program & Well Child Care Program**  
**Location: Rivers State & Amichi, Nigeria**

Timmy has continued to support the nutrition programs of our two partners in Nigeria: Bebor Model Nursery & Primary School in Rivers State, and Providence Care Community Health Initiative in Amichi.

In Rivers State, Bebor has not only continued to implement a socially distanced version of its nutrition program at the primary school in Bodo during the pandemic, but also expanded the program to include two more schools in Biara and K-Dere. In total, 200 children are now provided weekly with a nutritional supplement made out of locally available ingredients, such as crayfish, millet and soybeans.

In Amichi, Providence Care started a new child health and nutrition program during the pandemic, which provides a daily breakfast of tea and milk for 59 children under 5 years old. In addition, every other week children receive a two-week supply of fortified breakfast milk and a health check-up at the clinic.

"In November, a nineteen-month old girl was brought to the clinic in a semi-conscious state. We treated her for severe malaria, and she received a unit of blood transfusion. As a result of her emergent visit, she was also enrolled in the nutrition program. The milk she receives bi-weekly is vital to her recovery, and her regular visits have allowed us to track her recovery and prevent other future illnesses."  
(Providence Care)



# 259

children enrolled in  
nutrition programs  
in Nigeria

# 382

children enrolled in  
the nutrition  
program in  
Guatemala

# 100%

of children with  
acute malnutrition  
recovered

# 30%

of children with  
stunting improved  
their height within 6  
months

# 1440

packages with food  
and supplements  
for children funded  
by Timmy



Project: 32V Nutrition Program

Location: Xela, Guatemala

In Guatemala, the country with the highest rates of chronic malnutrition among children under 5 years old in Latin America, Timmy supports the nutrition program of our partner 32V.

In total, 383 children from 4 communities were enrolled in the nutrition program in 2020. Timmy funded the monthly food packages for 120 of these children - 1440 packages in total. Each of these consisted of a new combination of locally produced and culturally accepted foods and supplements: 24 portions of "Chispuditos" (a mix of corn and soy, fortified with 21 vitamins and minerals), 30 portions of amaranth, sesame seed and corn, 30 eggs, 2 packets of Fava beans, and 2 packets of lentils.

This year, Timmy also facilitated a partnership with the Mathile Institute to measure the impact of the nutrition program. The results were very clear: the program is highly successful! For example, all of the children that had acute malnutrition at the start of 2020, completely recovered. In addition, 30% of the children with stunting already improved their height within 6 months. These recovery times are shorter than when using different supplements in the past, allowing 32V to identify and help more children.

"Luzmy, a 3-year-old baby from Llanos del Pinal, started the nutrition program at 6 months of age. She was inactive and delayed on milestones, and suffered from acute malnutrition and severe stunting, due to the little nutrition and stimulation that she received at home. Luz got all of the benefits of the nutrition program such as supplements, extra fresh foods, vegetable gardens, breastfeeding support, and stimulation with music. She graduated from the program in December 2020 with standard parameters for height and weight and is now an active, happy and brilliant girl, ready to start kindergarten at the family support center, get a scholarship in the future, and study whatever she dreams of doing for her future and community."

(32V)

Project: Food Security Program  
Location: Xela, Guatemala

This year, 32V also started working to address issues of food insecurity. As part of their community health worker program (see page 7), 25 district vegetable gardens, 4 urban gardens, and 26 modules of mushrooms were built. The harvest of these gardens directly contributed to the food packages that were given to the 382 children enrolled in 32V's nutrition program, as well as a further 172 chronic patients.



25

district vegetable gardens and 4 urban gardens built

26

mushroom modules created

554

children and chronic patients provided with food packages

18

chronic patients in Santo Domingo received training on nutrition

Project: "Salud y Vida"  
Location: Santo Domingo, Ecuador

In Ecuador, our partner Hombro a Hombro restarted their "Salud y Vida" program in Santo Domingo, supporting 18 patients with chronic diseases such as diabetes and hypertension. These patients received training sessions on their condition, possible complications, diet, and lifestyle. Moreover, they received clinical care at the Hombro a Hombro clinic to monitor and treat their condition.

11

Timmy volunteers participated in content creation and translation for a new nutrition program

With Timmy's support, program materials for an additional nutrition program for chronic patients was created, among them a training manual for community health workers and data collection methods for program evaluation. 11 Timmy volunteers were involved in this initiative, with 5 Eli Lilly volunteers working on content creation and 4 student chapter members helping with English-Spanish translations. Although it was not possible to launch this program during the pandemic, the materials will be used for future implementation and shared with other Timmy partners.



# Global Engagement

*Despite the pandemic and cancelation of medical service trips, Timmy's student chapters continue to play a vital role as partners and advocates of our work. In 2020, Timmy launched several new initiatives to engage students at home.*

In 2020, Timmy had 35 active student chapters. Before the pandemic started, a total of 76 students traveled to volunteer on medical service trips in the Dominican Republic, Ecuador and Guatemala, compared to 429 in 2019. Despite this reduction in travel opportunities, student chapters remained crucial this year in directly supporting the programs of our local partners through fundraising - raising a total of 30K dollars - and amplifying their impact.

However, being part of a Timmy chapter also gives students a chance to make a difference on their campuses and in their own communities. In 2020, around 200 global health advocacy and service events were organized by student chapters. For example, Timmy's Yale chapter hosted Senator Chris Murphy for a town hall to discuss funding global health initiatives and global tuberculosis funding. Similarly, the Eastern Carolina University chapter organized a virtual cooking class as an advocacy event, where they discussed access to foods in their own and our partners' communities. After the event, they were able to collect 244 lbs of food for a local food pantry - directly contributing to food security in the United States.

"Both within our local community, and our community abroad, I believe that our chapter should focus on serving vulnerable people, advocating for health equity, and always seeking to serve people with kindness and empathy. Even if you are not trained as a medical professional, all people can contribute to serve others and help improve the wellbeing of others with effort, education and true empathy."  
(Timmy chapter student)

## 35

active student chapters

## 76

students traveled to participate in medical service trips

## 30K

dollars fundraised by student chapters

## 200

global health advocacy and service events organized by student chapters

This year, while adapting to the reality of the pandemic and becoming more active in the virtual space, Timmy also started new initiatives for students to learn about global health and develop their leadership skills. For instance, we started offering a monthly speaker series called the "Global Health Heroes Talks", where someone that is making a difference in marginalized communities is highlighted. In addition, a pilot group of 8 students formed an "Emerging Leaders Cohort". These students were the first to receive facilitated sessions focused on improving their leadership skills, and were provided with tools to help their chapters and college campuses to become more culturally inclusive and socially engaged.

"The Emerging Leaders Cohort helped me address narratives I was holding that have allowed me to become a better leader."  
(Timmy student)

Finally, in an effort to get students more involved in the decision-making about our work with chapters and get their input on what they would like to learn, we conducted three surveys with current Timmy students and faculty leaders, the Emerging Leaders Cohort, and chapter alumni this year. Interestingly, the latter led to Timmy getting reconnected with a chapter alumni that works at LifeStraw and was able to donate a large filter to one of our partners in Ecuador, the Chontapunta health center, where clinic staff and patients now have access to clean water.







# Financials

*Despite our challenging financial situation during the pandemic, Timmy has made it a priority to financially support our local partners, so that they could continue providing healthcare, education and prevention programs to their communities.*

In total, **\$140,271** in financial support was provided to partners in 2020. Of this amount, the majority was spent on the salaries of local medical professionals (**\$52,691**), followed by nutrition programs (**\$37,178**) and patient care (**\$29,400**). The latter includes primary and specialty care with providers, labs and exams, medication, as well as patient transportation to and from communities.

In addition, partners spent funds on personal protective equipment for local doctors, community health workers and patients (**\$6,686**), general programmatic support (**\$3,850**), water, sanitation and hygiene programs (**\$3,684**), scholarships (**\$3,000**), community health worker programs (**\$2,782**), and food donations (**\$1,000**).

Besides these financial contributions to the work of our partners, **\$20,280** worth of medications was distributed during the 7 medical service trips at the start of 2020 as well.

*Note: This financial information concerns the 2020 calendar year. The financial statement for our 2019-2020 fiscal year can be found on our website: [timmyglobalhealth.org](http://timmyglobalhealth.org).*



## \$140,271

total financial support  
provided to partners

## \$52,691

spent on salaries of local  
medical professionals

## \$37,178

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## \$29,400

spent on patient care  
provided by local partners

## \$6,686

spent on personal  
protective equipment

## \$3,684

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& hygiene programs

We thank you for your  
ongoing support of our  
work!



**TIMMY**  
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