

GLOBAL WATER FUND »

SEMIANNUAL REPORT: October 2021 through March 2022

Prepared July 2022

TABLE OF CONTENTS

Global Summary	1
Global Reach	2
Global Achievements	3
Global Map	4
Partnerships Update	5
East Africa	8
Southern Africa	9
West Africa	10
Sustainability Spotlight	11
Asia-Pacific	12
Latin America and Caribbean	13
Middle East	14
Plans for the Next Six Months	15

“For the Lord your God is bringing you into a good land—a land with brooks, streams, and deep springs gushing out into the valleys and hills ...”

—Deuteronomy 8:7 (NIV)

Village of Surmu finally gets a taste of clean water

The 1,200 people of Surmu, in Sierra Leone’s Pujehun district have never had a source of clean water. Children suffered from dysentery, cholera, and diarrhea, and they missed school while carrying dirty water from the nearest stream.

During routine monitoring by the Sorogbema area program (AP) staff, Surmu’s children shared their water challenges. Soon, a drilling contractor was deployed to the village, and a solar-powered, mechanized water system was constructed, with six water points that bring life-saving water directly into the village.

A grateful community has pledged to maintain the system. Each household pays approximately \$1 a month into a fund for repairs and maintenance, and a WASH committee was trained to monitor construction as it was progressing and keep the water points clean and operational. Training sessions also taught families about WASH topics, including good sanitation and hygiene practices.

“We are happy ... and thank World Vision for making our dream a reality,” said Water Management Committee member Isata Moseray. “We will take care of the water facility to ensure that it serves us for a long period of time.”



A water committee receives training (top), and Mariama and Musa draw clean water from new taps.



GLOBAL SUMMARY

We are excited to share this report covering the first half of the second year of our Global Water, Sanitation, and Hygiene (WASH) Business Plan (fiscal years 2021–2025), which is transforming the lives of millions of people through four strategic goals:

- 1) Reach everyone, everywhere we work, with equitable water, sanitation, and hygiene services
- 2) Deepening our focus on the most vulnerable people, especially those in fragile contexts
- 3) Demonstrating sustainable impact
- 4) Leveraging our business plan investments to mobilize additional funding

Through this five-year plan, we commit to reaching 35 million people with clean water (fiscal years 2016–2025), with the aim of reaching a cumulative 50 million people by 2030.

In the first half of FY22, we met or exceeded our targets by reaching 1,038,224 with clean water (110% of target), 1,225,867 people with improved sanitation (147% of target), and 1,570,063 people with handwashing facilities (109% of target).

In line with our commitment to deepen our focus on the most vulnerable, nearly 95% of these water participants live in the toughest, most dangerous places to reach. We also reached 225,495 people with emergency water and 47,602 people with emergency hygiene supplies.

Another top priority is to empower women. To that end, we saw 1,200 women become active in WASH businesses and 2,624 women trained on WASH advocacy.

Consistent with our business plan goals to increase the level of water service, only 1% of water points were hand pumps, while 17% were community taps, and 82% were household water connections. To improve water system sustainability, we worked with communities to establish and train 2,631 water committees (155% of target).

The goal of reaching everyone with WASH services has led 45 districts to adopt coverage plans for water supply and/or sanitation with World Vision support. These plans describe the strategy for reaching everyone within a specific district, and support efforts to meet the needs of women, girls, and others in vulnerable situations.

Given the important role of faith leaders as influencers in their communities, we trained 5,663 faith leaders (more than twice our semiannual target) on hygiene and sanitation behaviors.

During the first half of FY22, we continued to focus on our Finish the Job plans to provide basic clean water access to everyone, everywhere we work in Rwanda (1 million people by 2023), Zambia (800,000 people by 2025), and Honduras (650,000 people by 2027). We are proud to say our Rwanda effort is on track for completion next year. Zambia requires \$50 million over five years from U.S. donors and, to date, we have commitments from donors for about half that amount. The Honduras effort was launched most recently and has commitments for approximately \$10 million of the \$60 million needed from U.S. donors. This progress, coupled with the excellent programming capabilities in our national offices, is providing a strong foundation to secure additional financing.

May you be blessed as richly as you have blessed so many children and their families through your support and partnership in this life-changing work.

GLOBAL REACH

1,038,224 PEOPLE

*gained access to clean drinking water**

1,225,867 PEOPLE

gained access to improved household sanitation

1,570,063 PEOPLE

gained access to handwashing facilities



FY22 SEMIANNUAL ACCOMPLISHMENTS

24,871 water points built



219,688 sanitation facilities built



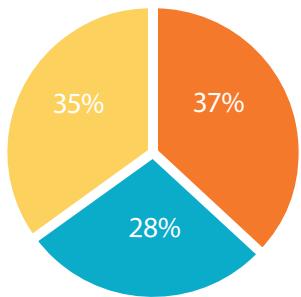
316,236 household handwashing facilities built



2,631 WASH committees formed



FY22 SEMIANNUAL SPENDING



\$59.6 MILLION spent on global WASH programs during the first half of FY22

- World Vision U.S. and Other World Vision Offices – Private Funding (\$22.3 million)
- World Vision U.S. and Other World Vision Offices – Sponsorship (\$16.6 million)
- Government, International, Local – Grants and Resource Development (\$20.7 million)

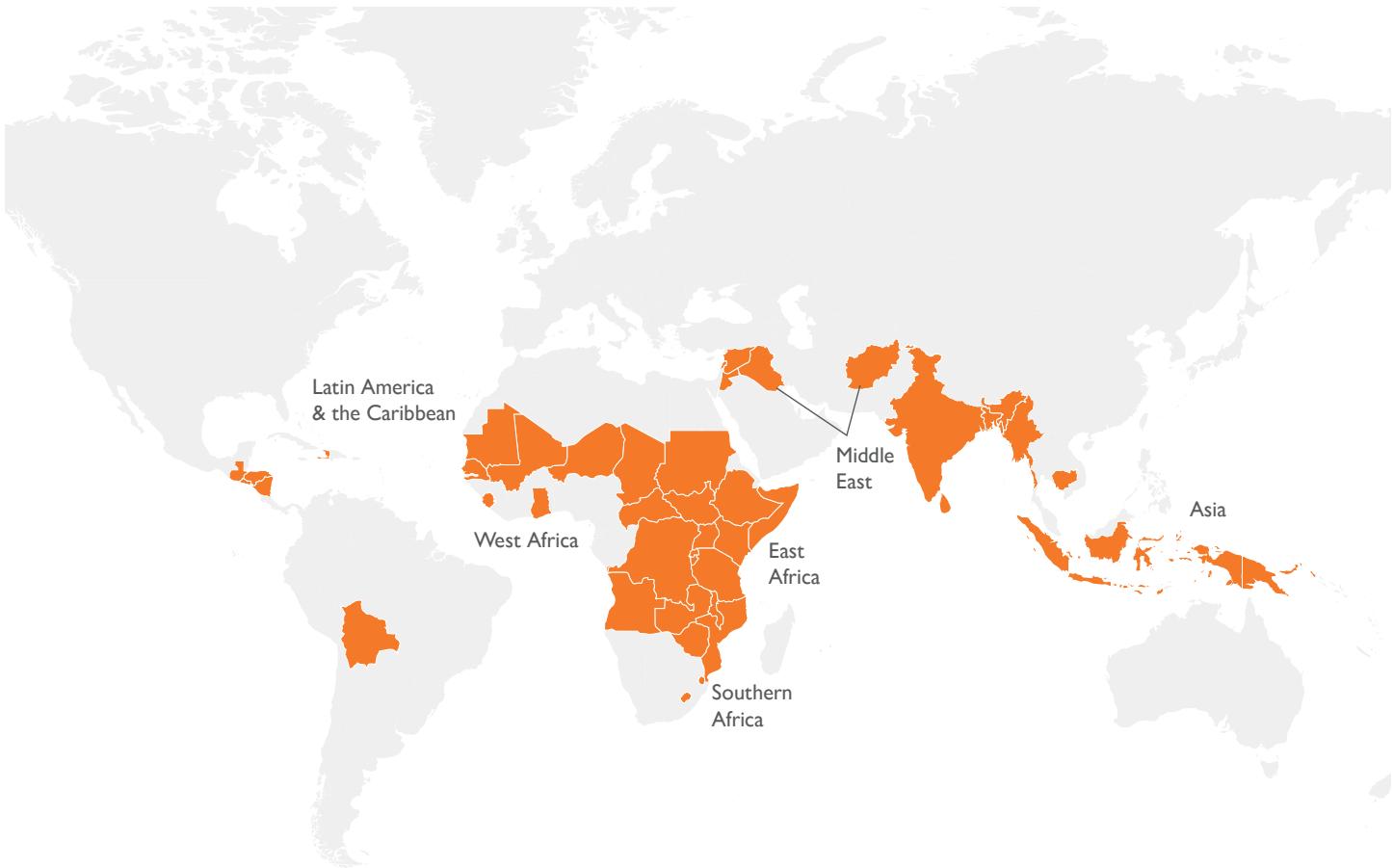
* This figure includes all water participants (1,038,224) in the first half of FY22. Of these, 230,792 were reached with World Vision U.S. private funding. These 230,792 people with access to water represent many of the same participants who received access to sanitation and household handwashing facilities.

GLOBAL ACHIEVEMENTS

World Vision uses indicator tracking tables (ITTs) to monitor the success and progress of our programs. Below is the Global WASH ITT for the first half of FY22. As seen below, most semiannual targets were met or exceeded.

OUTCOMES AND OUTPUTS	FY22 Semiannual Target (Global)	Asia-Pacific (Achieved)	East Africa (Achieved)	Latin America and Caribbean (Achieved)	Middle East (Achieved)	Southern Africa (Achieved)	West Africa (Achieved)	FY22 Semiannual Achieved (Global)	Achieved vs. Target (All Africa)
Water Supply and Security									
People reached with safer, more accessible drinking water	945,634	81,189	501,424	33,133	88,120	223,465	110,893	1,038,224	110%
Children reached with safer, more accessible drinking water at school	234,737	52,777	90,724	1,764	4,803	32,354	15,979	198,401	85%
Successful boreholes completed and commissioned in communities, schools, and health centers	473	23	52	0	0	155	87	317	67%
Taps installed from successful water supply systems in communities, schools, and health centers	13,046	10,617	3,293	2,032	2,782	1,652	435	20,811	160%
Nonfunctioning water points rehabilitated in communities, schools, and health centers	836	868	438	2,179	30	168	60	3,743	448%
Schools gaining access to safer drinking water on site	498	393	132	14	9	58	49	655	132%
Healthcare facilities gaining access to a basic drinking water service	153	61	62	7	0	17	24	171	112%
Sanitation and Hygiene									
People gaining access to household sanitation	833,461	59,048	551,137	12,683	350	373,258	229,391	1,225,867	147%
People gaining access to handwashing facilities	1,435,410	257,814	559,461	19,992	8,548	380,685	343,563	1,570,063	109%
Children gaining access to sanitation facilities at schools	134,095	50,383	88,520	1,699	5,703	29,308	11,489	187,102	140%
Children gaining access to handwashing facilities at schools	231,768	110,157	103,924	3,576	9,617	58,579	66,192	352,045	152%
Schools gaining access to sex-separated, basic sanitation services (that comply with required ratios)	290	98	79	18	8	51	49	303	104%
Schools gaining access to improved sanitation for children/youth with limited mobility	274	64	97	8	8	51	36	264	96%
Schools gaining access to improved sanitation for girls, with facilities to manage menstrual hygiene	236	62	93	7	6	62	23	253	107%
Schools gaining access to basic handwashing facilities	936	805	332	25	16	205	296	1,679	179%
Healthcare facilities gaining access to a basic sanitation service	130	57	30	10	2	24	16	139	107%
Healthcare facilities gaining access to basic handwashing facilities	224	80	118	11	2	53	69	333	149%
Governance and Finance									
WASH committees formed and trained with a financing system in place for maintenance and repair	1,698	355	679	41	30	987	539	2,631	155%
Local businesses active in repair of WASH facilities and provision of WASH products	986	402	325	50	0	704	375	1,856	188%
Faith leaders trained to promote safe WASH practices	2,674	701	2,849	323	24	865	901	5,663	212%
Schools trained in planning and budgeting for WASH services	865	586	363	27	6	199	400	1,581	183%
WASH in Emergency Settings									
People with access to emergency drinking water supplies	12,148	1,143	178,973	19,498	0	22,028	3,853	225,495	1,856%
People with access to emergency hygiene supplies	0	1,880	32,167	1,569	0	11,986	0	47,602	N/A
People with access to emergency sanitation systems	0	0	19,461	0	0	9,409	0	28,870	N/A
People with access to appropriate solid-waste disposal facilities	0	0	25,788	0	0	0	0	25,788	N/A

GLOBAL MAP



WORLD VISION'S WASH PROGRAM REGIONS & COUNTRIES IN 2022:

ASIA-PACIFIC

BANGLADESH
CAMBODIA
INDIA
INDONESIA
MYANMAR
PAPUA NEW GUINEA

LATIN AMERICA AND CARIBBEAN

BOLIVIA
EL SALVADOR
GUATEMALA
HAITI
HONDURAS
NICARAGUA

MIDDLE EAST

AFGHANISTAN
IRAQ
JORDAN
LEBANON
SYRIA

EAST AFRICA

BURUNDI
ETHIOPIA
KENYA
RWANDA
SOMALIA
SOUTH SUDAN
SUDAN
TANZANIA
UGANDA

SOUTHERN AFRICA

ANGOLA
DEMOCRATIC REPUBLIC OF THE CONGO
ESWATINI
LESOTHO
MALAWI
MOZAMBIQUE
ZAMBIA
ZIMBABWE

WEST AFRICA

CENTRAL AFRICAN REPUBLIC
CHAD
GHANA
MALI
MAURITANIA
NIGER
SENEGAL
SIERRA LEONE

PARTNERSHIPS UPDATE



charity: water

charity: water

- Partner since 2012
- Areas of focus: WASH infrastructure, sanitation and hygiene promotion
- Locations: Ethiopia, Malawi, Mali, Mozambique, and Niger

charity: water continues to be a crucial funding partner in Malawi, Mali, Mozambique, and Niger.

By March, the 2021 grants for Mali, Mozambique, and Niger and were completed, having reached 105,886 people by constructing 238 water points. These three countries launched new grants in February and March—the largest one-year grants ever for each country during our partnership with charity: water (Mali: \$3 million; Niger: \$2 million; and Mozambique: \$1.8 million).

A \$900,000 Malawi grant project, which started in August 2021, completed its third quarter and is on track to hit all targets. The Malawi team submitted a proposal for another \$900,000 grant, and work should begin in August 2022.

Mali, Mozambique, and Niger teams are in the process of writing proposals for the 2023 cycle, which, if approved, will bring the total portfolio to more than \$8 million in 2023.

The Ethiopia Tigray Response project of \$350,000, funded in 2021, faced challenges and delays due to fighting in the region. Grant work is ongoing and expected to be fully implemented this year.



Desert Research Institute (DRI) and Drexel University

- Partners since 2014
- Area of focus: capacity building
- Locations: 24 Africa WASH Program countries, plus Afghanistan, Haiti, Honduras, India, Indonesia, Iraq, Nicaragua, and Papua New Guinea

In FY22, DRI and Drexel's capacity-building programs are working through cohorts 7 and 9, respectively: DRI's Cohort 7 comprises 35 students (8 women, 27 men), and Drexel's Cohort 9 comprises 40 students (14 women, 26 men). We are in the final year of our five-year contract.

The WASH capacity evaluation of the DRI/Drexel program was completed by Columbia University, under the leadership of Dr. Shannon Marquez. The evaluation will guide how the next WASH capacity program will be structured. Key highlights from the evaluation show there was agreement among World Vision leaders and donors that staff members who participated in the program have been positively impacted, with unanimous support for continuing the program. In addition, more than 90% of program alumni strongly agreed they were able to apply course content to their WASH roles at World Vision, and the coursework made them more effective at their job.

The evaluation also highlighted the need for World Vision to provide additional support for showcasing student research and highlight alumni achievements more widely through the World Vision Partnership. Over the next few months, the results of this evaluation and the direction of the current business plan will help shape the next phase of work with DRI and Drexel.



Conrad N. Hilton Foundation

- Partner since 1990
- Areas of focus: water supply, WASH in healthcare facilities, governance and finance
- Locations: Ethiopia, Ghana, Mali, and Niger

Mali:

- We signed MoUs with IRC-WASH and CN-CIEPA (organizations engaged in

WASH advocacy and governance) to work jointly with the government on budgeting and increasing resources allocated for WASH services in healthcare settings.

Ethiopia:

- In Dera district, the Clean Clinic Model was implemented at six health facilities, benefiting 196,845 people.
- A permanent handwashing station with 10 taps was installed at the Korata Health Center, serving 17,937 people.

Ghana:

- WV, International Rescue Committee-WASH, and the Asutifi North District Assembly provided a district-level alliance update for stakeholders and partners on project transition and sustainability.
- Nine boreholes fitted with hand pumps were constructed in eight communities and one school, serving 2,400 community members and 300 students.

Niger: Insecurity continues to be a challenge in the project areas, but we were able to achieve the following:

- Four health facilities gained six inclusive latrines each, serving more than 12,585 people.
- Two mechanized water systems with nine taps each are serving 2,734 people and more than 8,000 visitors at two health centers.



Emory University

- Partners since 2021
- Areas of focus: Women and girl's empowerment, economic empowerment, WASH
- Kenya, Zimbabwe, Guatemala, and Honduras

Continued on next page

PARTNERSHIPS UPDATE, CONT'D

A new partnership with Emory University through Strong Women Strong World focused on building evidence on how our programs bring together WASH and economic empowerment to promote women's empowerment. Through programmatic learning, Emory will help tailor interventions to address the root causes of inequality in diverse locations. As a learning partner, Emory will engage in some of this diagnostic work, developing simple, straightforward tools that other national offices can adapt to their own contexts. In this first year, Emory will support baseline assessments and develop questions aimed at helping us improve existing models.



Golf Fore Africa

- Partner since 2012
- Areas of focus: water supply, sanitation, and hygiene promotion
- Location: Zambia

Golf Fore Africa continues to support our Finish the Job plan in Zambia, with a \$2.9 million funding goal this year, and \$1,950,000 already raised. Golf Fore Africa plans to fund 12 piped-water systems this year—11 at health facilities and one at a school. It helped provide three health facilities with new maternity wings, which will include running water to the rooms, delivery equipment, flush toilets, and showers for new mothers. Golf Fore Africa also is funding 60 hand pumps in communities across four area programs as well as a large piped-water system in Nkeyema AP, which will provide more than 500 households with outdoor taps on the premises.

Former Ladies Professional Golf Association member Kendall Dye, a Golf Fore Africa donor, has joined the organization's staff as the new director. She will lead fundraising efforts in partnership with Betsy King.



Grundfos

- Partner since 2015
- Area of focus: water supply
- Locations: DRC, Ethiopia, Ghana, Honduras, India, Kenya, Lesotho, Mali, Mozambique, Niger, Rwanda, Somalia, South Sudan, Tanzania, Uganda, Zambia, and Zimbabwe

Our partnership with Grundfos continues to grow, with a new five-year agreement signed in February. In the first two quarters of FY22, World Vision placed almost \$1.5 million in orders, which indicates our strong growth of solar, mechanized, piped-water systems. This exceeds the total orders placed in FY21. We continue to meet regularly with Grundfos staff, with meetings at their headquarters in Houston, and in Rwanda and Ethiopia, where Grundfos continues to provide technical support and collaborative solutions to improve global supply chain challenges.



Kwame Nkrumah University of Science and Technology (KNUST)

- Partner since 2021
- Areas of focus: water treatment, handwashing, environmental hygiene
- Location: Ghana

Our partnership with KNUST began with a desire to dive deeply into the results of the Nurturing Care Group (NCG) pilot recently completed in Ghana. The NCG pilot saw substantial gains for WASH behaviors, with frequent, high-intensity messages leading to changes in behaviors such as household water treatment and handwashing with soap. In addition, we saw reductions in stigma related

to menstrual hygiene and increased collective action around penning animals so that children were not exposed to harmful pathogens many animals carry. KNUST conducted follow-up research to validate and understand the impacts seen in these areas. Future studies will evaluate the effectiveness of NCGs in other contexts.



Procter & Gamble

- Partner since 2007
- Areas of focus: water treatment/purification, hygiene promotion, emergency response
- Locations: Afghanistan, Bangladesh, Cambodia, Ecuador, El Salvador, Ghana, India, Indonesia, Kenya, Mali, Myanmar, Nicaragua, Niger, Philippines, Senegal, and Zimbabwe

World Vision continues to provide P&G Purifier of Water packets and filtration materials to ensure families have clean drinking water in humanitarian emergencies and as a bridge solution while communities wait for a permanent source of clean water. Honduras was added to the portfolio, with P&G providing packets; supplies for water storage and handling; and training on the importance of treating drinking water, hygiene, and water safety.

In the second half of FY22, we will continue delivering hardware support and developing methodologies that can bring sustainable water systems to P&G program areas.

Continued on next page

PARTNERSHIPS UPDATE, CONT'D



Sesame Workshop

- Partner since 2015
- Areas of focus: WASH in schools, behavior change, menstrual health
- Locations: Ghana, Kenya, Malawi, Mali, Mozambique, Niger, Rwanda, Zambia, Zimbabwe, India, Honduras, Afghanistan, Iraq, Jordan, Lebanon, and Syria

Our partnership with Sesame Workshop continues to flourish and seek opportunities to adapt and expand.

World Vision currently implements the WASH UP! program in 16 countries, with Kenya as the newest addition. During the first half of FY22, the World Vision Kenya team, together with Sesame Workshop, partnered with government stakeholders to conduct a start-up workshop to define key program messages and design pilot materials. In the latter half of FY22, these materials will be tested in 25 schools.

We also resumed our WASH in Schools study in India with Stanford University. During the first half of FY22, the team established study timelines and secured an India-based partner to collect data. In the second half of the year, Stanford will conduct a pilot of WASH operations and maintenance procedures in schools. Insights will be applied to the scale up and study of the WASH UP! program in 100 new schools.

We also are excited to announce upcoming expansion of WASH UP! to two countries and WASH UP! Girl Talk to four countries. Thanks to funding from the Clean Water Here Foundation, Guatemala will adopt the WASH UP! approach, and Honduras, Guatemala and Kenya will implement the WASH UP! Girl Talk program. Other generous donor funding will enable El Salvador to begin WASH UP! and WASH UP! Girl Talk programs. Initial planning and stakeholder discussions have begun in each new country.



Strong Women, Strong World/Clean Water Here

- Partner since: 2021
- Areas of focus: WASH, women and girls' empowerment, economic empowerment
- Location: Kenya, Zimbabwe, Guatemala, and Honduras

Strong Women Strong World (SWSW) is a new program funded by Clean Water Here, a foundation led by Lani Dolifka. The program focuses on empowering women and girls by integrating WASH with economic empowerment activities. This three-year program is in Guatemala, Honduras, Kenya, and Zimbabwe.

The program's goal is to see that women and girls experience an increased sense of self-worth, ability to determine their own choices, and the right to influence social change for themselves and others. It focuses on four key objectives:

1. Opportunities to advance well-being
2. Improved learning environments for girls in school
3. Increases in women-owned businesses
4. Increases in women sharing equally in decision-making for their families and communities

World Vision selected Emory University as a Beyond Access learning partner. The Emory team has a strong background in research and learning around effective measurements for empowerment.

So far in FY22, we established with Emory the programmatic framework as well as an initial scope of work, and finalized core program indicators. During the remainder of FY22, we will focus on hiring key personnel and conduct baseline surveys and assessments to validate and adjust

program activities to address the most pressing community needs.



University of North Carolina Water Institute

- Partner since 2015
- Areas of focus: research and learning
- Location: Ghana and Niger

In the first of the three projects launched under a new partnership agreement, UNC conducted a Water Security and Resilience literature review we are using to develop our program guidance for national office WASH teams. Water security and resilience are important because the increasing frequency of droughts and floods threaten the progress we have made in reaching people with clean water.

UNC has completed efforts to collate findings and recommendations to guide programs moving forward. This information will be incorporated directly into field guidance. The findings also will be published and shared at conferences to provide a practical perspective on actions that improve the resilience of WASH services.



Chipego, 14, no longer has to travel home from school to use the toilet and clean up during menstruation. Her Zambian school now has a washroom with flushing toilets, sinks, and showers.

EAST AFRICA

501,424 PEOPLE

gained access to clean drinking water

551,137 PEOPLE

gained access to improved household sanitation

559,461 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

World Vision continued to improve WASH services closer to home for families across East Africa, reaching more than a half-million people with access to clean water (104% of target) and household sanitation (102% of target), respectively. So far this year, 56% of water taps were constructed at households, with Kenya leading the way for household water connections. Rwanda and Ethiopia contributed the most toward basic sanitation improvements.

WASH business centers, which help supply affordable WASH products to communities and households, have gained traction regionally and are improving sanitation results. Today, Ethiopia has 23 centers, which have sold 12,000 latrine slabs.

All East Africa WASH teams have strengthened their collaboration with governments and advocated for more WASH funding, resulting this year in agreements to co-finance new water systems in Ethiopia, Kenya, Rwanda, and Uganda. East Africa also is leading in the areas of water security and resilience, with Somalia and South Sudan collecting seasonal water monitoring data to aid in WASH system design and planning.

Innovations and Partnerships

- The **Burundi** WASH team worked with the Ministry of the Interior to restore community financial contributions to water systems, which had been suspended due to the pandemic—but are needed for sustainability.
- In **Ethiopia**, water quality monitoring improved after training health educators and members of the Women's Development Army to teach their neighbors about safe water handling, storage, and treatment methods.
- World Vision partnered with government agencies in **Kenya** to

address water resource management, and a new Citizen Voice and Action advocacy group lobbied the government to invest \$100,000 to improve water access in Kilifi.

- In **Rwanda**, a five-year collaboration with the World Food Programme brought 33 menstrual hygiene rooms to schools, and a study showed 92% of girls were using them.
- 52 faith leaders in **South Sudan** were trained to share WASH and COVID-19 messages with their congregations, after which 90% reported using what they learned to educate those they serve.



3,293 taps installed from successful water supply systems



332 schools gained access to handwashing facilities



2,849 faith leaders participated in WASH programming



The training [on the need for healthy sanitation] opened my eyes as a leader,” says 49-year-old Moses Tenke (top left, with his wife), of Nebetera, Kenya. “I decided to set an example by constructing a two-door latrine for my family. ... I realized that this action gave inspiration to my neighboring homesteads.” After Moses built his latrine, 15 of the 35 households nearby followed his lead within the first month.

SOUTHERN AFRICA

223,465 PEOPLE

gained access to clean drinking water

373,258 PEOPLE

gained access to improved household sanitation

380,685 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Southern Africa's WASH teams hit the ground running in FY22, implementing a variety of WASH programs while navigating political and climate challenges. They also made great strides in using mWater—a digital platform for real-time WASH data collection—to track, monitor, and evaluate WASH infrastructure. The Malawi WASH Program won a \$10 million grant to reach an entire district with WASH services and is now using mWater to identify gaps that need to be filled.

Heavy rainfall across the region created challenges for several countries, with damage to roads and bridges making access to work sites difficult. When necessary, WASH teams pivoted to procuring supplies, training communities, and finalizing contracts for major projects that were rescheduled for later in the year. These complications made WASH progress in the region all the more remarkable, as we exceeded targets for people with access to clean water (132%), household sanitation (240%), handwashing facilities (168%), and more.

WASH teams in the Democratic Republic of the Congo (DRC), Mozambique, Zambia, and Zimbabwe also focused on emergency WASH services, providing clean water access to 22,028 people in refugee camps and other humanitarian settings.

Innovations and Partnerships

- In the **DRC**, a joint campaign with the government called To Each a Latrine According to His Means was launched to encourage latrine construction.
- The **Lesotho** WASH team cooperated with the Ministry of Water to protect water catchment areas from overgrazing and pollution from livestock. Actions included planting 3,000 trees in three program areas.
- The **Malawi** WASH team worked alongside other stakeholders

to lobby the national government to remove taxes on sanitary pads, which came to pass in February.

- Sesame WASH UP! expanded to 160 schools across two districts in **Mozambique**, with 259 teachers trained and 4,302 children participating in activities.
- In partnership with Golf Fore Africa, two health facilities in **Zambia** received new maternity wards with piped water to all patient rooms, new beds, delivery equipment, and flush toilets and showers.



1,652 taps installed from successful water supply systems



205 schools gained access to handwashing facilities



865 faith leaders participated in WASH programming



I could not concentrate on my studies. The water situation at the school was not supportive to personal health and hygiene for me as a girl. [Now,] I am excited because water is available anytime ... I am enjoying my lessons without any problem related to water stress."

—Melita (above), 16, Mchinji, Malawi

WEST AFRICA

110,893 PEOPLE

gained access to clean drinking water

229,391 PEOPLE

gained access to improved household sanitation

343,563 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Despite growing insecurity in West Africa and the effects of long-term climate change, tremendous progress has been made to ensure WASH programs continue to provide life-saving interventions in the region. We met or surpassed several targets in the first half of FY22, including children with clean water access at schools (153%) as well as people with access to household sanitation (247%) and handwashing facilities (121%). Also in FY22, our work expanded into the Central African Republic (CAR), where ongoing violence and instability have created pressing needs for WASH services.

Country programs worked with communities, government ministries of Water and Sanitation, and other stakeholders to prioritize piped-water systems—over systems with hand pumps—as a superior means of water delivery. More than 400 new taps were installed, bringing clean water closer to homes, schools, and healthcare facilities.

Faith leaders, students, and local volunteers are taking more and more ownership of WASH work in their communities. Through March, 901 faith leaders (143% of target), 400 school WASH clubs (185%), and 539 WASH committees (139%) were trained to monitor and care for WASH facilities and share WASH messages with others.

Innovations and Partnerships

- In the **CAR**, a partnership with the National Agency for Water and Sanitation in Rural Areas equipped WASH committees and repair technicians to maintain new water systems for years to come.
- In **Chad**, the WASH team found that assisting communities with after-action plans once they are certified as Open Defecation Free helps sustain those successes. Also, 41 new WASH committees were encouraged to connect with microfinance institutions for WASH-related microloans.
- World Vision received sizeable grants from Merck Global Health and the Merck Family Foundation to partner on health and WASH improvements across five districts in **Ghana**.
- In **Senegal**, 45 faith leaders were trained to address gender equity issues with their congregations and dispel myths around menstruation. Nearly 1,000 households were trained on reforestation as a method for protecting local water resources. World Vision also helped champion the right to water for all at the World Water Forum.



435 taps installed from successful water supply systems



296 schools gained access to handwashing facilities



901 faith leaders participated in WASH programming



World Vision ... gave us life because water is life.
In my childhood, I never thought that, one day, our community would have a water point like what I see in the city of Maradi. Thanks very much to the donors."

*—Inoussa Chipkaou,
Chief of N'walla
Tamroro village,
Niger*

SUSTAINABILITY SPOTLIGHT

Nurturing Care Groups prove effective in fostering change

For any lasting change to take place—whether in the WASH sector or any sector—it must have grass roots. Communities adapt to change best when those changes are promoted by their neighbors and friends. To this end, the WASH Program has been studying the use of Nurturing Care Groups to educate communities on WASH behaviors and spark change. Results from the study show strong, positive results, as families listened, learned, and acted on the behavior-change information they received.

The WASH team conducted a before-and-after trial in two APs—Savelugu Nanton in the Northern region and Sekyere East in the Southern region of Ghana. Data was collected in study APs and in two control communities, and tracked from June 2019 through December 2020. Study participants were parents and caregivers of children younger than 5, primarily mothers.

Nurturing Care Groups comprise one health promoter, often a World Vision or partner organization staff member or a community health worker. These promoters meet with groups of 10-12 women—leader mothers—who are chosen by their neighbors. Leader mothers learn from the health promoters, then take the lessons back to their neighbors. Lessons are designed to reach literate and illiterate populations using images on flip charts, songs, games, and stories.

These groups continue to function in their communities for several months, which allows for trouble-shooting when households face challenges and no longer follow the recommended health and hygiene practices. These groups also can be integrated into government systems to support long-term sustainability.

Key findings from the study showed that in program sites, the presence



Nurturing Care Groups learn about strong WASH behaviors that can improve health and well-being for children and families.

of E. coli in drinking water decreased from 32.1% to just 8%, compared with a meager drop of just 1.8% in control sites. Data showed that other water-storage handling practices improved as well. More households began treating their water, with an increase of 32%, and more families began using containers with lids, with a 28% increase.

Access to basic handwashing showed a 51% net increase, with a minimal change in the control areas, despite the onset of COVID-19. Homes with a handwashing station on the premises increased from just 2% to 32%, and the availability of soap rose from 34% to 84%.

Efforts to keep animals away from water sources to prevent contamination led to a 22% increase in keeping livestock in enclosures during the day. Households using animal waste as compost increased by 16%, and haphazard disposal of feces was down 22% at the end of the study.

Other lessons focused on reducing stigma related to menstrual hygiene, and several taboos, such as forbidding

women to cook or eat with others during menstruation, were debunked. The study showed a 75% decrease in active stigma related to menstruation.

The presence of improved, non-shared latrines increased in the program group by 16%, and 9% in the control group. While this increase appears modest, it is promising, considering a lack of supplies required to build and maintain latrines.

Developing Nurturing Care Groups is a promising approach to changing WASH behaviors. Lessons used in the pilot were developed from publicly available materials and with guidance from the World Vision staff in Ghana and the WASH team. As this model is scaled up, materials will be adapted to local contexts to address specific problem areas and cultural influences.

Further studies can include more research to drive change around complementary interventions, such as developing market-based approaches to increase availability of materials to construct, maintain, and supply WASH facilities.

ASIA-PACIFIC

81,189 PEOPLE

gained access to clean drinking water

59,048 PEOPLE

gained access to improved household sanitation

257,814 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

The Asia-Pacific WASH Program saw outstanding gains to water access in communities, schools, and healthcare facilities—especially in India, where World Vision installed 8,059 new taps (374% of the regional target) and rehabilitated 317 water points (140% of regional target). The India WASH team also mapped 19,837 water points on mWater, a digital platform for monitoring WASH infrastructure, as part of an aim to achieve universal WASH coverage in eight area programs.

Given the impact of menstrual hygiene management (MHM) on adolescent girls' school attendance, 50 latrines and 14 sex-separated sanitation facilities equipped for MHM were constructed or renovated in Bangladeshi schools. The project benefited 15,010 students and addressed a major obstacle to girls' educational success. Additionally, numerous WASH services helped provide dignity and hope to 70,632 Rohingya refugees living in Cox's Bazar.

In Cambodia, World Vision and other partners advocated for revisions to national water safety guidelines, which were adopted by the Ministry of Rural Development.

Innovations and Partnerships

- In **Bangladesh**, World Vision's SHOMOTA project helped communities prioritize the needs of vulnerable members by ensuring women and people with limited mobility took part in decision-making on the design, monitoring, and resourcing of WASH projects.
- The WASH team in **Cambodia** worked to change gender norms related to village clean-up efforts in the Rolear Pha Ear AP. Whereas village upkeep was traditionally assigned to women, community discussions about equitable labor sharing increased male participation in village clean-up campaigns.

- A collaboration in **Indonesia** between the Nada AP community, local government, and the Ministry of Environment and Forestry led to planting 500 saplings in an effort to reforest a critical watershed and protect the area's water supply.
- The Department of Education in **Papua New Guinea** tasked World Vision with writing the manual for integrating WASH in all primary and secondary schools. We also led data-collection efforts that will feed into national WASH statistics and inform long-term WASH investments across the country for years to come.

10,617 taps installed from successful water supply systems

805 schools gained access to handwashing facilities

701 faith leaders participated in WASH programming



It would be a day remembered in our school history, that we have developed the first MHM lab in the district," says Mrs. Anjali, a teacher in Jharkhand, India. With UNICEF, World Vision equipped 32,570 girls with knowledge about healthy menstrual hygiene by constructing MHM labs—such as the one above—in Jharkhand schools.

LATIN AMERICA AND CARIBBEAN

33,133 PEOPLE

gained access to clean drinking water

12,683 PEOPLE

gained access to improved household sanitation

19,992 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

WASH teams in Latin America and the Caribbean put significant effort into increasing WASH services in schools, achieving 175% of target for schools with clean water on site (14 schools), and a remarkable 570% of target for students with access to handwashing facilities (3,576 children). In Guatemala alone, 2,231 students across 17 schools—representing 356% of the regional target—now have access to handwashing stations. In Haiti, 959 students can now use sanitary facilities equipped with soap, toilet paper, and other items to help them stay healthy while learning.

In pursuit of its Finish the Job goals, the Honduras WASH Program constructed 14 new water systems that benefited 14,319 people in 16 communities. Six healthcare facilities also gained access to clean water, providing staff and pregnant mothers (among other users) an essential ingredient to safe, quality healthcare.

Over 42,000 hygiene kits were distributed to communities in El Salvador. In Nicaragua, the WASH team introduced the Family, School, and Healthy Community (FECSA) method to promote disease prevention and provided P&G water purifier packets to 7,350 people in 29 communities, ensuring the availability of clean water at home.

Innovations and Partnerships

- In **El Salvador**, World Vision partnered with the ministries of Health and Education to integrate the BabyWASH model into a national program focused on early childhood development. The program will be rolled out in eight municipalities beginning the summer of 2022.
- By adopting a new, multi-sectoral approach that incorporates training on food security and nutrition into WASH programming, the WASH team in **Guatemala** expects to reach more people than they initially forecasted in the WASH business plan.
- As key partners and advocates for community transformation in **Honduras**, 97 faith leaders were trained to promote healthy WASH behaviors among their congregations.
- In **Nicaragua**, World Vision collaborated with the Odorico D'Andrea Foundation to promote climate-friendly agriculture in Los Arados. We also worked with Water for People, Agua para la Vida (Water for Life), and the municipal mayor's office on a framework for achieving universal water and sanitation coverage in San Sebastián de Yalí.



2,032 taps installed from successful water supply systems



25 schools gained access to handwashing facilities



323 faith leaders participated in WASH programming



The backyards are kept very clean, garbage is no longer dropped on the roads, insecticide bombs are no longer washed into the rivers. It has been a very big change for our region.”

—Mariela, volunteer leader of the FESCA approach to good hygiene, environmental stewardship, and disease prevention in Nicaragua

MIDDLE EAST

88,120 PEOPLE

gained access to clean drinking water

350 PEOPLE

gained access to improved household sanitation

8,548 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Political upheaval, economic instability, and ongoing humanitarian crises created major challenges for the Middle East WASH Program, resulting in high staff turnover in Afghanistan and delays to WASH activities in some countries. Thanks to God's faithfulness and the resilience of World Vision staff, we exceeded nearly all regional targets even so, reaching 88,120 people with access to clean water, or 247% of the target. In the process, 2,782 new taps—a remarkable 704% of target—made water more readily available in communities, schools, and health centers.

A regional focus on water quality and security led to training 28 WASH committees and 20 faith leaders in Afghanistan on water quality monitoring and water system maintenance, while in Iraq, 1,000 families were educated on safe water handling. Also in Iraq, WASH committees were trained on natural resource management, and drip irrigation systems were introduced to help communities conserve water used for agriculture. In Jordan, an estimated 16,000 trees were planted to combat soil erosion.

Empowering women and people with limited mobility also remained a priority. The WASH team in Afghanistan recruited women as peer educators and engineers, and consulted with female-only WASH groups, to ensure all WASH facilities are inclusive by design. Projects in Iraq included constructing ramps to allow students with limited mobility smooth access to classrooms, playgrounds, and latrines at school.

Innovations and Partnerships

- In **Afghanistan**, World Vision worked with Catholic Relief Services and others on a multisector emergency response, funded by USAID, that includes WASH, health, nutrition, and economic empowerment initiatives. Our partnerships in Afghanistan alone increased WASH Business Plan funding by \$9.7 million this period.
- A collaboration with the Rozh Society in **Iraq** helped World Vision locate, reach, and engage people living with disabilities in inclusive WASH programming.
- The WASH team in **Jordan** introduced greywater reuse technologies in schools and taught students about the environmental benefits of recycling wastewater.
- In **Syria**, "surprise soap"—soap made from olive oil, with a toy embedded inside—is being incorporated into Sesame WASH UP! classes. [Learn about the impact of surprise soap.](#)



2,782 taps installed from successful water supply systems



16 schools gained access to handwashing facilities



24 faith leaders participated in WASH programming



They taught us about hygiene. I have learned that we must clean the toilet then our hands after using [it] with water and soap. **We should not waste water or leave the tap running. We must secure it well.**

—Aqeel (above), 9,
Sesame WASH UP!
participant,
Salah al-Din, Iraq

PLANS FOR THE NEXT SIX MONTHS

FY22 marks the first year we will be able to complete year-over-year analysis of progress against our Business Plan. As we head into the second half of the year and embrace a learning culture, we will be reviewing plans and adjusting as needed to strengthen our programming and adapt to changing realities in the field. Throughout this process, our WASH teams will continue to accelerate access to WASH services, while remaining focused on the most vulnerable, especially in fragile contexts, in all the areas in which we work.

THANK YOU

In places where improved access to clean water translates to healthier children and more nutritious food on the table, welcoming classrooms and higher incomes, water is a word for hope. Your partnership is helping make such hope a reality for millions of children (like Agnes, at right), along with their families and communities, as they gain access to clean water, dignified sanitation, and healthy hygiene resources. Thank you for joining in this life-saving work to expand WASH services around the globe. As we prepare for a strong finish to FY22, we look forward to celebrating all that God accomplishes through our shared efforts.



Agnes, 11, who lives with her parents and five older siblings in eastern Zambia, often missed school due to illnesses caused in part by her village's reliance on polluted water—a shallow stream shared with pigs, cows, goats, and other animals. Agnes used to imagine a life in which “I would no longer have to walk a long distance with a big container on my head, go to school late, or sleep through lessons.” Recently, World Vision was able to drill a borehole within 20 yards of the house where Agnes lives. As a result, Agnes is not only healthier. She is now able to give full attention to her schoolwork, and to pursuing her ambition of becoming a nurse.



34834 Weyerhaeuser Way S.
P.O. Box 9716
Federal Way, WA 98063-9716

For more information visit:
worldvisionphilanthropy.org/water

