



# 2018 Washington Global Health Landscape Study

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FINAL REPORT

PREPARED FOR:



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## Letter from the WGHA President

In April of last year, I began meeting with stakeholders in Washington's global health community. As a new leader at the Washington Global Health Alliance, I wanted to hear from the people who are shaping the vision for our future. I didn't know it then, but in those conversations were the seeds of these report findings. Here's what we've learned.

First, the 2018 Global Health Landscape Study affirms Washington's position as an international hub for global health. Washington's global health ecosystem employs more than 14,000 people and contributes \$8.8 billion to the state's economy. The more than 260 Washington-based organizations identified in this report envision a world with health equity for all people, and they are working in every country around the world to make that vision a reality.

Second, we continue to learn new ways that the global health sector is good for Washington. Certainly the global health ecosystem is good for Washington's economy. It attracts world-class talent to the state, supports small businesses, and contributes to Washington's leadership in technology, engineering, and research & development. But what I learned in those initial stakeholder conversations is that the value of the global health sector is more than economic. Washington's global health workforce is engaged here at home, providing direct services, mentoring the next generation of STEM leaders, and building a better tomorrow. The 2018 Landscape Study found that 65% of organizations working in global health are also working to advance health equity here in the United States

Finally, we know that improving health systems and health care in other countries is sustainable when it's led by local leaders. We learned through an additional survey WGHA did with the University of Washington how Washington-based organizations are building health leadership in country. WGHA members are partnering with local engineers and architects, legislators and communicators, and universities and hospitals to build capacity in the countries where they work.

Washington's global health community is using its innovation, tenacity, and humanity to tackle some of the world's most complex problems. And we at the Washington Global Health Alliance are fierce believers in the power of collaboration to help this community go further, faster.

WGHA is grateful to the Washington State Department of Commerce, the City of Seattle's Office of Economic Development, the New Venture Fund, We Work for Health, and RTI International for supporting this research.

Onward!



Dena Morris, President  
Washington Global Health Alliance

## 1. Background & Purpose

Washington-based global health initiatives have had—and continue to have—an enormous social impact worldwide and economic impact in Washington state. The significance of this growing sector extends into many aspects of the statewide economy and international economies.

This report utilizes new and updates existing data to measure and quantify the significance of global health to Washington state. The study leverages partners of the Washington Global Health Alliance (WGHA) to tell the story of the presence of Washington’s global health work worldwide along with its impact at home.



## 2. Research Methods

The analysis makes use of economic data collected through several sources, including state government-collected data on employment, wages and other indicators. Data gathered through an online survey of global health organizations in Washington also contributed to the understanding of the global health economy.

The global health sector is complex in that many organizations drive global health activities along with focus areas outside of global health. Therefore, the challenge is to determine which portion of the jobs, wages and operating budgets of these organizations are dedicated to global health activities. Data provided by the survey—to which 109 organizations responded out of 268 surveys distributed—enabled allocation of state-published data to arrive at refined estimates of economic activity related to global health.

The primary tool for analyzing economic impacts is the Washington State Input-Output Model, published by the Washington State Office of Financial Management. The Input-Output Model provides a rendering of the state economy across distinct sectors and captures transaction and spending flows across industries and through employee spending. The analysis of the Input-Output Model allows analysts to model the impacts of economic activities when output, employment, and wages are known for a given industry or economic event.

## 3. An Extensive Innovation Ecosystem

Global health refers to working to improving health equity among the world’s most vulnerable populations. As of 2018, the Washington state global health sector includes 268 organizations. Since the 2015 study, 100 more organizations have been identified as contributors to the realm of global health, and employment, wages, and impact are trending upward.

The global health sector consists of a variety of business types, as seen in **Exhibit 1**. In 2018, for-profits represented the majority, which includes many biotechnology and pharmaceutical innovators, such as Just Biotherapeutics and Kineta. The second-largest sector, nonprofits, includes large Washington state employers and world-recognized global health actors such as PATH and the Bill & Melinda Gates Foundation. Colleges and universities conducting global health research while training the next generation of global health workers include the University of Washington, Washington State University, Seattle University, Northeastern University, and several community colleges. Government partners include the Washington State Department of Health, Public Health—Seattle & King County and public health entities around the state that contribute to global health research and health systems strengthening.

## Exhibit 1. Global Health Organizations in Washington State, 2018

	Establishments
<b>Segments</b>	<b>2018</b>
Nonprofits	109
For-profits	123
Colleges & Universities	11
Research Institutes	21
Governmental Organizations	4
<b>Total</b>	<b>268</b>

Source: Organization data collected via the 2018 Washington Global Health Landscape Survey.

According to the U.S. Small Business Administration, 20% of Washington’s global health organizations identify as small businesses, bringing more diversity to the Washington economy.

Via the 2018 Washington Global Health Landscape Survey, representatives were able to broadly identify the focus areas and activities of their organization, listed in Exhibit A1 of the Appendix. As shown in **Exhibit 2**, many areas are included and influenced under the broad umbrella of global health. “Infectious Disease” (60%) and “Health Systems Strengthening” (54%) are core focus areas for the majority of survey-responding organizations, while newer areas such as “Devices” and “Digital/ Mobile Technologies” (62% combined) represent how Washington organizations are adapting to address old challenges in new ways.

## Exhibit 2. Work Disciplines Among Washington’s Global Health Organizations, 2018

	Respondents (n=109)	Share
Health Systems Strengthening	59	54%
Food Security	27	25%
Animal Health	13	12%
Non-Communicable Disease	46	42%
Infectious Disease	65	60%
Planetary Health	26	24%
Devices	30	28%
Digital/Mobile Technologies	38	35%
Surgical or Clinical Interventions	25	23%
Maternal, Child and Newborn Health	49	45%

Source: Organization data collected via the 2018 Washington Global Health Landscape Survey; respondents could select multiple answers, so shares do not add to 100%.

Organizations participate in a number of activities within each focus area, as shown in **Exhibit 3**. The categories “Education, Outreach, and Training” and “Research” had the most responses, demonstrating how Washington-based organized are focused on building the evidence base around interventions as well as reaching people directly through on the ground implementation. Many organizations self-identified as working on multiple activities, and two organizations (Mobility Outreach International and U.S. Fund for UNICEF) self-identified as working in every area.

### Exhibit 3. Activities Among Washington State Global Health Organizations, 2018

Activity	Respondents (n=109)	Share
Funding	30	28%
Research	47	43%
Product Development and Manufacturing	38	35%
Delivery and Distribution	40	37%
U.S. or International Policy and Advocacy	33	30%
Education, Outreach, and Training	62	57%
Data Collection, Evaluation, and Surveillance	39	36%
Professional Services	29	27%

## 3.1 Washington State: Global Reach

Washington’s global health sector is expanding, and more organizations are working in more global locations. As of July 2018, Washington’s global health organizations have active projects in all 195 of the United Nation’s recognized and partially recognized states, compared to the 151 countries identified in 2014. In the survey, 65% of the responding organizations identified having current activities at home in the United States. Abroad, Kenya benefits from 31 organizations with active projects; Uganda, 29; India, 26; and South Africa and Ethiopia with 23 each.

Global health organizations continue to foster important partnerships with each other and other organizations internationally. For example, PATH has begun a new partnership in September 2018 with the World Health Organization to “identify and deliver the next wave of innovations and digital solutions that are critical to improving health systems, health outcomes, and health equity” that will utilize a unique combination of businesses to achieve the digital health resolution passed at this year’s World Health Assembly (PATH.org, 2018).

## 3.2 Global Health Benefits Washington’s Economy

Washington’s global health sector accounts for a growing portion of the state’s total economic activity. Global health organizations in Washington state attract external investments composed of grant funding, product and service revenues, private contributions and other sources. The interdisciplinary nature of the work makes it an important source of innovation for the state. Expertise in designing for limited- or low-resource settings positions the global health community to constantly innovate. In addition, global health organizations’ missions are a magnet for job seekers and an educated, permanent workforce with spending power for local goods and services.

Between 2015 and 2017, global health organizations in Washington received more than \$2.3 billion in grant funding. The top sources in 2017 were the National Institutes of Health (NIH) and the Bill & Melinda Gates Foundation (**Exhibit 4**).

In contrast with the gradually decreasing federal funding in the 2015 Washington Global Health Landscape Study, the 2018 study shows a tremendous uptick in funding each year from 2015 through 2017, lending to an overall increase in funding of about 1/3 since 2010.

#### Exhibit 4. Grant Funding for Global Health Activities, Washington State, 2015-2017, Millions of 2017 Dollars

Funding Source	2015	2016	2017
National Institute of Health (NIH)	\$345,468,636	\$383,955,265	\$424,899,455
Center for Disease Control and Prevention (CDC)	\$10,111,894	\$15,483,995	\$4,054,133
United States Agency for International Development (USAID)	\$150,190,204	\$156,088,626	\$187,039,164
Department of State (DOS)	\$6,085,739	\$5,112,217	\$8,781,234
National Science Foundation (NSF)	\$11,824,414	\$6,733,167	\$4,392,781
Bill & Melinda Gates Foundation	\$166,779,408	\$195,338,784	\$286,871,193
Non-Gates Total	\$521,714,326	\$567,373,270	\$632,688,598
<b>Total</b>	<b>\$688,493,735</b>	<b>\$762,712,054</b>	<b>\$919,559,791</b>

Source: NIH, NIH Research Portfolio Online Reporting Tools - Awards; CDC, CDC Grant Funding Profiles and USAID Foreign Aid Explorer Data Query; USAID/DOS, USAID Foreign Aid Explorer Data Query; NSF, National Science Foundation Awards Search; Gates, Awarded Grants Database.

#### Global health job impacts are counted in three distinct categories: direct, indirect and induced.

Direct jobs (14,091 in 2017) includes the actual jobs in global health at an organization or business. Jobs in global health have grown each year since 2013, from 12,615 to 14,091 currently. Jobs in global health have grown at 2.8% per year since 2013, on par with the rate of Washington state’s overall employment (**Exhibit 5**).

The global health sector is diverse in terms of employment, and this is well-reflected in Washington universities’ cross-departmental involvement in global health research and activities, from their global health departments to their business schools. The sector employs research and data scientists, including those who are developing cures to noncommunicable diseases such as cancer and diabetes

to those who are exploring the global economic and social impacts of a pandemic. Biotechnology and pharmaceutical companies make up much of the global health sector in Washington. They are conducting research and development to develop vaccines and treatments to address growing and emerging diseases.

The sector includes a diverse workforce, including scientists, doctors, technical specialists, as well as operational experts, program managers, and program coordinators. Global health organizations also need secretaries, accountants, financial analysis and other staff to function effectively. These are only a few examples of the types of expertise global health employs.

## Exhibit 5. Global Health Employment and Growth Rate Compared to Washington State Employment and Growth Rate, 2013–2017

Year	Global Health Employment	Global Health Year-Over-Year Growth	Washington State Employment	Washington Year-Over-Year Growth
2013	12,615	2.8%	3,016,600	
2014	12,969	2.8%	3,102,100	2.8%
2015	13,333	2.8%	3,185,600	2.8%
2016	13,707	2.8%	3,284,200	2.9%
<b>2017</b>	<b>14,091</b>	<b>2.8%</b>	<b>3,350,200</b>	<b>2.7%</b>

Source: Washington State employment and labor income data from the Employment Security Department of Washington State (2018) as well as data from the 2018 Washington State Global Health Landscape Survey. An average annual global health growth rate calculated using the 2015 and 2018 Washington State Global Health Landscape Study employment data calculations.

Combining direct, indirect and induced jobs, the global health sector supported an estimated total of almost 54,000 jobs in 2017; for every direct global health job, an additional 2.8 jobs are created. That is a job multiplier of 3.8, up 1.2 since 2013. These 54,000 jobs produced an estimated \$3.6 billion in total labor income, \$8.8 billion in direct economic output and \$15.3 billion in direct and indirect economic output for Washington State in 2017 (Exhibit 6).<sup>1</sup>

## Exhibit 6. Economic Impacts of Global Health, Washington State, 2017

Year	Direct	Indirect and Induced	Total
Jobs	14,091	39,737	53,828
Labor Income (millions of 2017\$)	\$1,414	\$2,150	\$3,564
Operating Budget (millions of 2017\$)	\$8,838	\$6,427	\$15,265

Source: RTI analysis based on the 2018 Washington State Global Health Landscape Survey, the 2015 Washington State Global Health Landscape Study, labor and income data from the Employment Security Department of Washington State (2018), and the 2007 Washington State Input-Output model. The model was released September 2012 (revised October 2015).

Global health provided \$1.4 billion in direct labor income to Washington’s working families. The global health sector employs highly skilled workers, with an average wage of \$102,732—34% higher than the average wage for all jobs in Washington in 2017 (\$61,887). For every dollar generated in direct labor income, another \$1.52 is generated in the Washington economy, translating into a labor income multiplier of 2.5.

Additionally, global health contributes in state tax revenues. While many organizations in global health are nonprofits and are therefore exempt from certain taxes or do not generate taxable income, global health for-profits contribute a great deal. State business and occupation (B&O) taxes and sales taxes are generated from business-to-business spending from sector activities. The sector and its indirect and induced impacts provided \$81.9 million in state tax revenues in 2017 (Exhibit 7).

<sup>1</sup> The job multipliers have likely increased due to updates in Washington State Input/Output model.



## Exhibit 7. Washington State Tax Revenues from Global Health Activities in Washington, 2017, Millions of 2017 Dollars

Tax Category	Direct Payments	Secondary Tax Impacts	Total Fiscal Impacts
B&O	\$1.5	\$26.9	\$28.4
Sales Tax	\$0.6	\$47.0	\$47.6
Other	\$0.0	\$5.9	\$5.9
Total	\$2.1	\$79.8	\$81.9

Source: Implied tax rates for each category were calculated using data provided in the 2015 Washington State Global Health Landscape Study. The tax rates were multiplied by operating budget data listed in Exhibit 4 to obtain tax revenue estimates.

### 3.3 Outlook

Washington's global health sector is a significant component of Washington's economy. The sector supports small businesses and attracts investment to the state. Washington's quality of life, coupled with high wages and mission-driven work, attracts a skilled and interdisciplinary workforce. Taken together, the global health sector breeds innovative solutions for solving complex problems and advancing health equity in Washington and around the world.

# Appendix

**Exhibit A-1. Washington State Global Health Landscape Study Responding Organizations, Global Health Activities and Focus Areas, 2018**

WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
	ACT for Congo	X					X	X	X		X		X	X					X
●	Adara Development		X		X	X	X	X	X	X		X		X				X	X
	Alexandria Real Estate												X						
	American Cancer Society	X		X		X	X	X	X	X									
●	Amplio Network			X	X	X	X	X		X	X			X	X	X			X
	Aseptica, Inc.		X	X	X								X		X				
	Baton Health		X		X		X			X	X		X						
●	Battelle Memorial Institute		X	X		X	X	X		X			X	X	X	X			
	Benaroya Research Institute at Virginia Mason		X				X						X						
	BGI USA (Beijing Genomics Institute)		X	X	X			X	X	X	X	X	X	X	X	X			X
●	Bill & Melinda Gates Foundation	X								X	X		X	X	X	X	X	X	X
	BIO Ventures for Global Health					X	X		X	X			X	X					

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## Exhibit A-1. Washington State Global Health Landscape Study Responding Organizations, Global Health Activities and Focus Areas, 2018 (continued)

WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
●	Bloodworks Northwest		X		X	X	X	X		X				X			X	X	X
	Burn Design Lab			X															
	BURN Manufacturing USA LLC			X	X		X												
●	Camber Collective								X	X	X	X	X	X	X	X	X		X
	Cancer Research & Biostatistics		X				X	X				X							
●	Cascade Designs, Mountain Safety Research Global Health			X										X	X				
●	Center for Infectious Disease Research		X										X						
	Cocker Fennessy Inc.								X										
	Construction for Change	X							X										X
	Days for Girls International	X		X	X	X	X	X		X									
●	Desimone Consulting Group					X			X		X		X						
	Etta Projects	X	X			X	X	X		X	X		X	X	X				
●	Forum One								X							X			

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**Exhibit A-1. Washington State Global Health Landscape Study Responding Organizations, Global Health Activities and Focus Areas, 2018 (continued)**

WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
●	Fox Rothschild							X											
●	Fred Hutchinson Cancer Research Center		X	X			X					X	X						
●	Friends of Chidamoyo	X							X			X	X						X
	Geneva Foundation		X		X		X	X				X	X		X		X	X	X
	Global Alliance for Community Empowerment	X			X					X									X
●	Global Alliance to Prevent Prematurity and Stillbirth (GAPPS)	X	X	X		X		X		X			X		X	X			X
●	Global Good	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
	Global HELP						X			X							X		
●	Global Impact																		
●	Global to Local	X	X	X	X		X	X		X	X	X				X			
●	Global Washington									X	X	X	X	X	X	X	X	X	X
	Guatemala Village Health						X					X	X	X					X
●	HDR				X		X		X	X	X	X	X	X					X
●	Health Alliance International		X				X	X		X		X	X			X	X	X	X

(continued)

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WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
●	Implicit Bioscience			X								X	X	X					
●	Infectious Disease Research Institute		X	X			X					X	X	X					
●	Institute For Health Metrics and Evaluation		X	X			X	X		X			x	x	x		x		
	Institute for Systems Biology		X										X						
	International Rescue Committee				X		X			X	X								
	International SOS		X	X	X	X	X	X	X	X			X					X	
	International Training and Education Center for Health (I-TECH)		X	X	X	X	X	X		X			X	X			X	X	X
	Just Biotherapeutics			X									X	X					
	Kineta, Inc.		X	X	X								X						
●	Lynden International				X					X	X	X		X		X	X	X	X
	M J Murdock Trust	X																	
	Madigan Army Medical Center		X										X				X	X	
●	Malaria No More					X	X		X	X			X						
	MalarVx, Inc.		X	X									X						

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WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
	McLaughlin Project		X	X	X									X	X				
●	Medical Teams International	X			X		X			X	X		X	X			X	X	X
	Merck Global Health Initiative	X	X	X		X	X			X			X		X				
	Mercy Corps		X				X	X			X		X	X				X	
●	Minerva Strategies								X		X		X	X			X	X	X
	Mission Africa				X								X				X		
	Mobility Outreach International	X	X	X	X	X	X	X	X	X			X			X	X	X	X
●	Northeastern University		X				X												
●	Northwest Association for Biomedical Researchers						X						X					X	
	Oasis Diagnostics		X	X								X	X	X		X	X		X
	Pacific Science Center						X												
●	Panorama								X	X	X		X	X	X				X
●	PATH		X	X	X	X	X	X		X			X	X		X	X	X	X
●	Pilgrim Africa	X	X		X	X	X	X		X			X				X		X
●	PLAIN Strategies								X							X			

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**Exhibit A-1. Washington State Global Health Landscape Study Responding Organizations, Global Health Activities and Focus Areas, 2018 (continued)**

WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
●	Planned Parenthood of the Great Northwest	X			X		X			X			X				X		X
●	Possible		X	X	X	X	X	X		X		X	X			X	X	X	
	PotaVida			X	X			X							X	X			
●	PRONTO International		X	X	X	X	X	X		X						X		X	
●	Providence St. Joseph Health	X				X	X			X	X		X		X		X	X	
●	Public Health - Seattle & King County										X	X	X					X	
●	Raptim Humanitarian Travel	X							X	X									
●	Resource Media									X	X								
●	Rotarian Malaria Partners	X			X		X		X	X			X						
●	RTI International		X			X	X	X		X	X		X	X	X	X		X	
	Save the Children Action Network					X	X											X	
●	Strengthening Care Opportunities through Partnership in Ethiopia (SCOPE)					X	X			X			X					X	

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WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities								
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions
●	Seattle Children's Research Institute		X	X		X	X	X		X			X		X	X		
●	Sherris Consulting								X	X		X	X					X
	Shift Labs		X	X	X					X					X			X
●	SightLife	X	X		X	X	X	X	X	X		X				X	X	
	SIGN Fracture Care International			X			X								X		X	
	Splash						X	X		X			X					
	SpringStar Inc.		X	X	X						X		X		X			
●	Swedish Health Service						X											
●	The Max Foundation	X			X	X	X			X		X					X	
●	Tiller Global					X	X		X	X		X	X	X				
●	U.S. Fund for UNICEF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
●	Uncommon								X							X		
●	University of Washington Department of Global Health		X			X	X	X		X		X	X	X		X		X
●	University of Washington, Center for Global Health Nursing	X	X				X	X		X		X	X			X	X	X

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## Exhibit A-1. Washington State Global Health Landscape Study Responding Organizations, Global Health Activities and Focus Areas, 2018 (continued)

WGHA Member	Responding Organizations	Global Health Activities								Global Health Activities									
		Funding	Research	Product Development and Manufacturing	Delivery and Distribution	U.S. or International Policy and Advocacy	Education, Outreach, and Training	Data Collection, Evaluation, and Surveillance	Professional Services	Health Systems Strengthening	Food Security	Animal Health	Non-Communicable Disease	Infectious Disease	Planetary Health	Devices	Digital/Mobile Technologies	Surgical or Clinical Interventions	Maternal, Child and Newborn Health
	University of Washington, Computing for Healthy Living & Learning (CHILL) lab		X				X			X									X
	University Presbyterian Church	X	X		X		X	X	X	X			X						X
	VIA Global Health				X					X		X	X		X	X			X
●	VillageReach				X			X		X			X			X			
	Washington MESA						X	X											
●	Washington Research Foundation	X								X	X	X	X	X	X	X	X	X	X
●	Washington State Public Health Association					X	X												
●	Washington State University	X	X	X	X	X	X	X			X	X	X	X	X	X	X		X
	Water First International	X						X											
	Water for Humans			X										X	X				
●	WHITECOAT Strategies, LLC								X				X						
●	World Vision	X	X	X	X	X	X	X		X	X	X	X		X	X			X
●	World Affairs Council						X		X	X			X	X					
●	Worldwide Fistula Fund, Inc.	X	X		X		X	X	X	X		X						X	X

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