

USAID Neglected Tropical Diseases Program



WHO 17 Neglected Tropical Diseases (NTDs) by Strategic Interventions		London Declaration 10 NTDs	USAID 5 NTDs
<p>PC Preventive Chemotherapy “an intervention that allows the regular and coordinated administration of quality-assured, safe, single-dose medicines on a large scale”</p>	<ul style="list-style-type: none"> • Lymphatic filariasis • Onchocerciasis • Schistosomiasis • Trachoma • Soil Transmitted Helminths • Foodborne trematodes 	<ul style="list-style-type: none"> • Lymphatic filariasis • Onchocerciasis • Schistosomiasis • Trachoma • Soil Transmitted Helminths 	<ul style="list-style-type: none"> • Lymphatic filariasis • Onchocerciasis • Schistosomiasis • Trachoma • Soil Transmitted Helminths
<p>IDM Intensified Disease Management “directed at NTDs for which simple tools and treatments are not yet available”</p>	<ul style="list-style-type: none"> • Buruli Ulcer • Chagas disease • Cysticercosis • Dengue fever • Echinococcosis • Human African trypanosomiasis • Leprosy • V. Leishmaniasis • Yaws 	<ul style="list-style-type: none"> • Chagas disease • Human African trypanosomiasis • Leprosy • V. Leishmaniasis 	
<p>Specific Intervention Approaches “other measures to support these interventions involve control of vectors and their intermediates hosts, veterinary public health, WASH and capacity building”</p>	<ul style="list-style-type: none"> • Dengue • Guinea-Worm • Rabies 	<ul style="list-style-type: none"> • Guinea worm 	



Lymphatic Filariasis

Onchocerciasis

Schistosomiasis

Soil-transmitted Helminths

Trachoma



Mosquitoes



Black flies



Snails



Direct fecal contamination

**Hygiene
Hands
Flies**

**120 Million
Infected**
1.2 Billion at risk

37 Million Infected
0.4 Billion at risk

200 Million Infected
0.7 Billion at risk

**800 Million
Infected**
1.2 Billion at risk

**84 Million
Infected**
**1.2 Billion at
risk**

Integrated Approach

				
<p>LF</p>	<p>Oncho</p>	<p>Schisto</p>	<p>STH</p>	<p>Trachoma</p>
<p>Albendazole</p> <p>Ivermectin</p> <p>DEC</p>	<p>Ivermectin</p>	<p>Praziquantel</p>	<p>Albendazole</p> <p>Mebendazole</p>	<p>Surgery, Antibiotic (Azithromycin), Face washing, Environmental control (SAFE)</p>

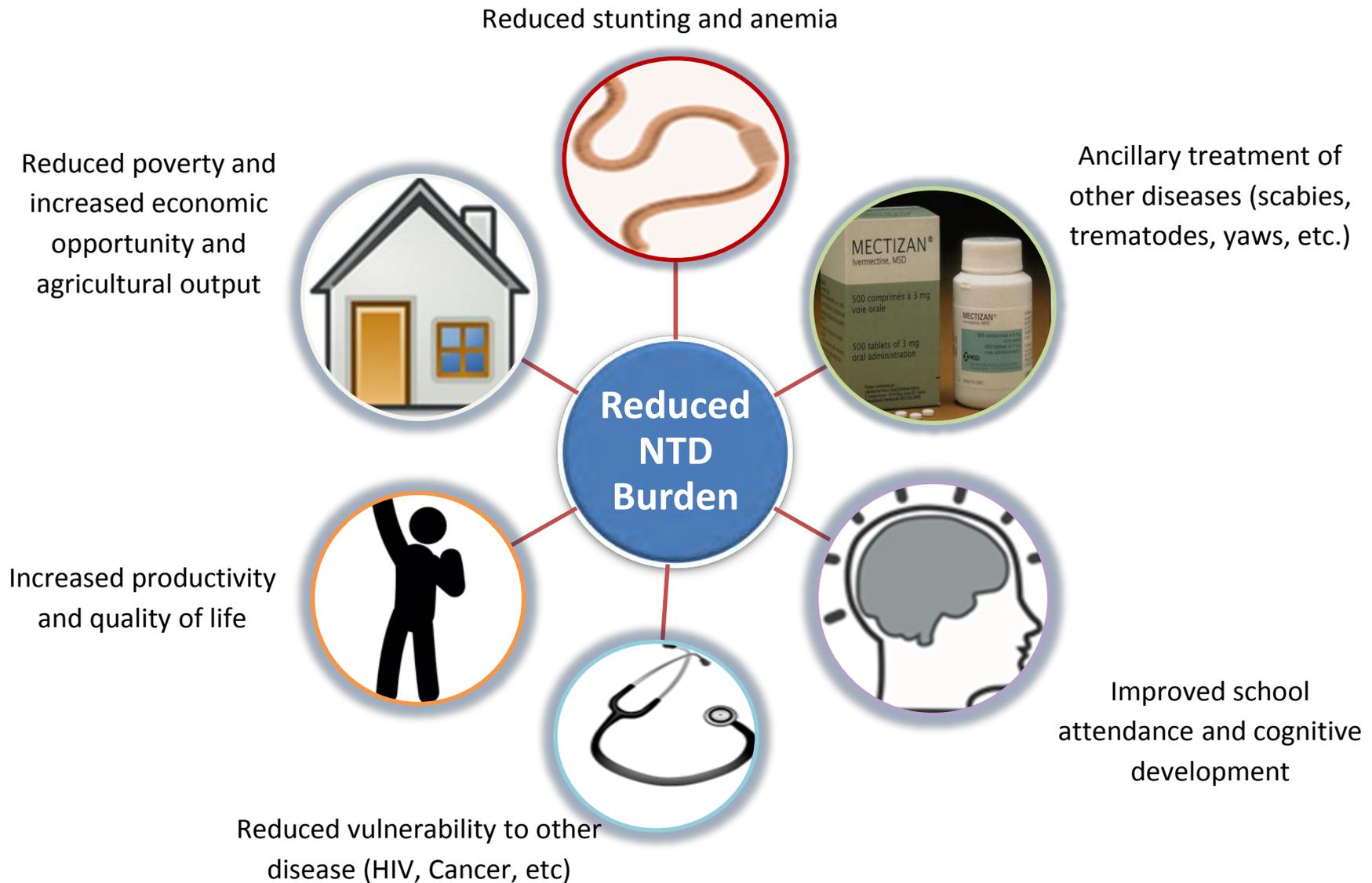
Core Program Investments

- **Disease Mapping** – defining the disease burden and drug package
- **Mass Drug Administration** – Integrated community wide treatment for the PCT diseases
- **Monitoring & Evaluation** – program performance
- **Surveillance/Impact assessment** – monitoring and documenting disease specific progress towards control and elimination

Strategic Investments

*Targeted investments to fill gaps that hinder USAID supported countries from achieving the elimination and control targets **and** contribute to the global evidence Base.*

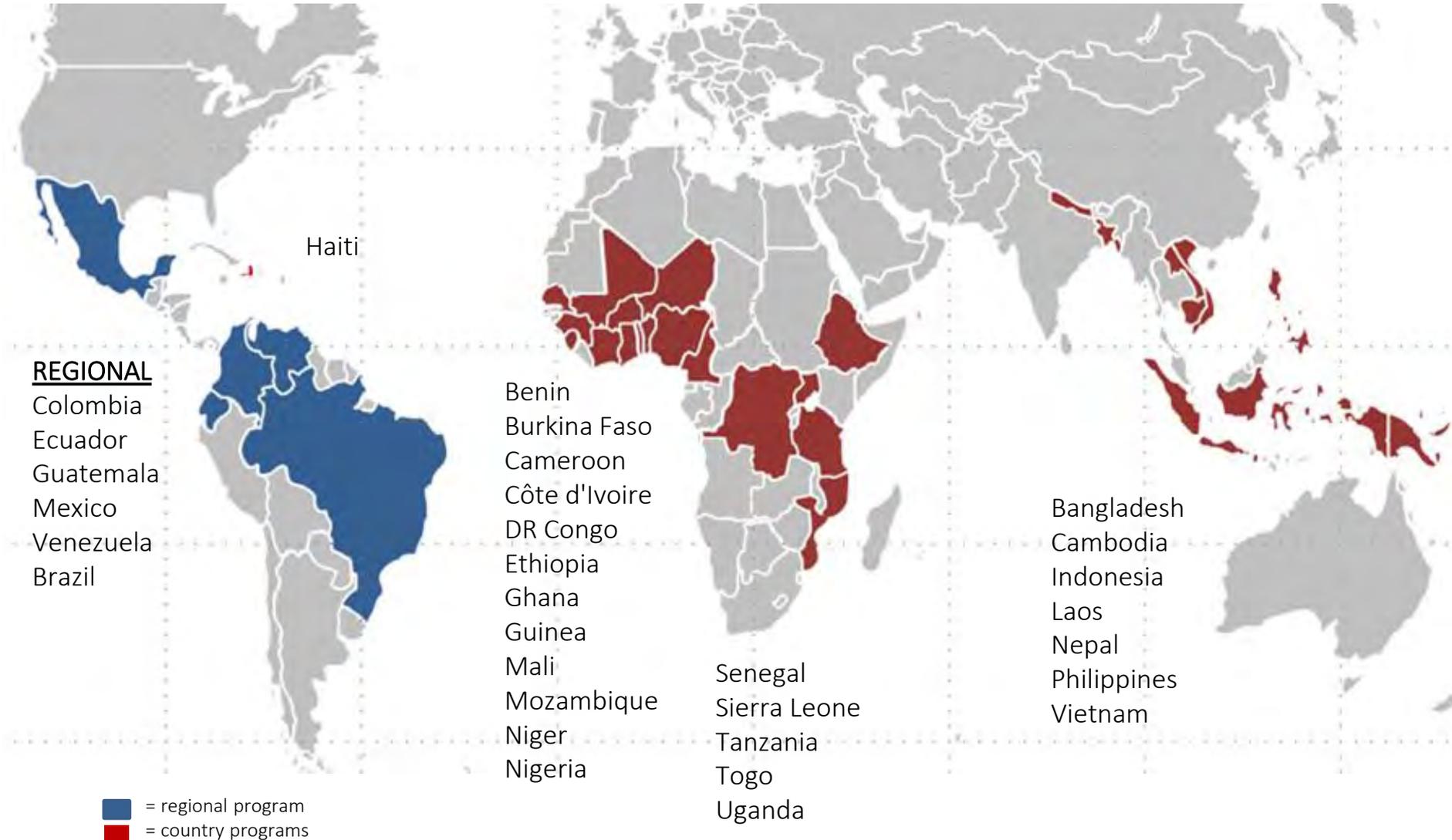
- Morbidity Management & Disability Prevention
- Operations Research
- New Drug Development
- Supply Chain Management & Drug Quality





USAID
FROM THE AMERICAN PEOPLE

31 Countries supported by USAID



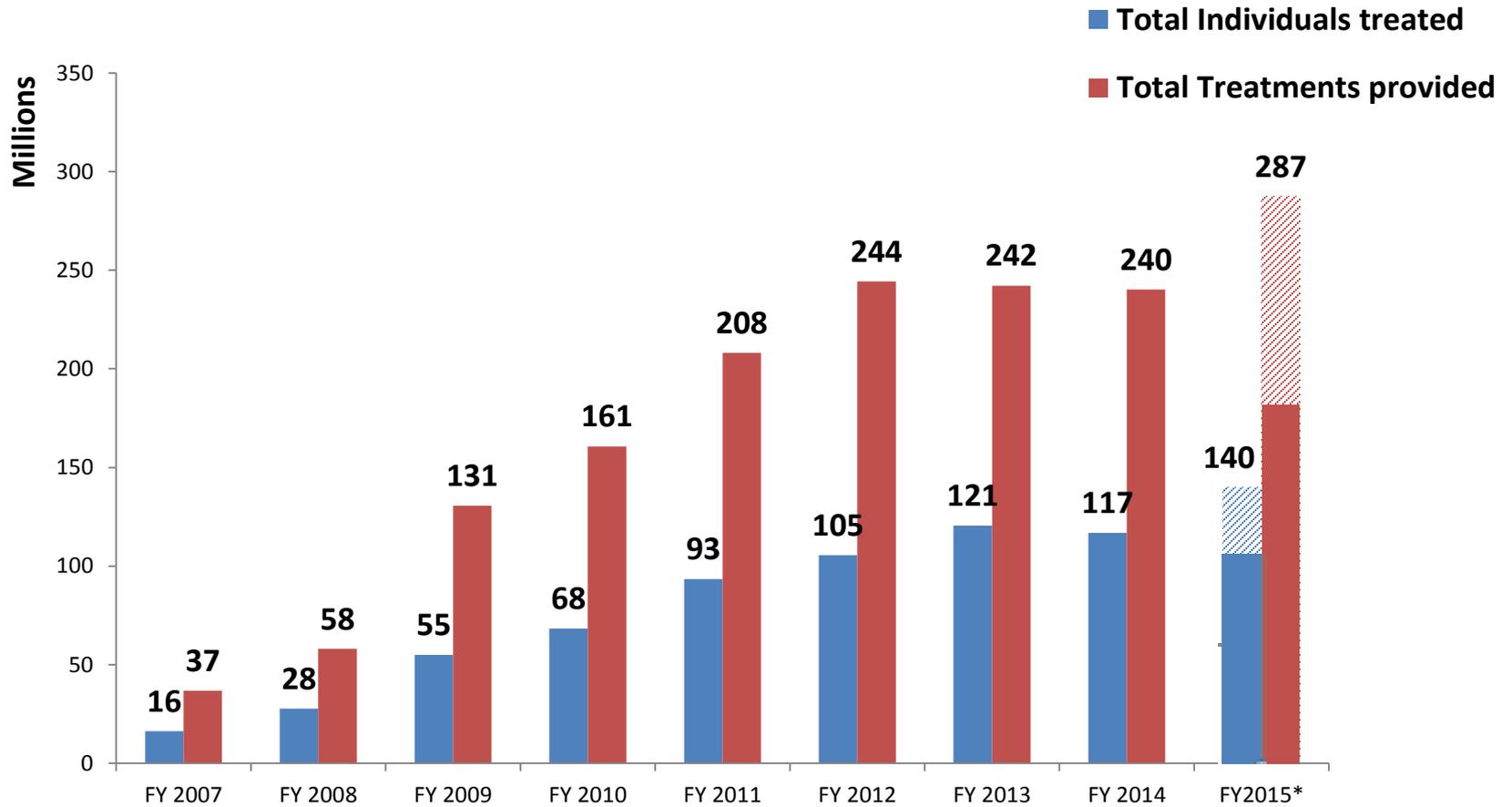
DISEASES	WHO 2020 Goal	Number USAID Supported Countries	Number USAID Supported Countries on track to meet WHO 2020 Goal
USAID PRIORITY DISEASES			
Lymphatic Filariasis	Elimination	26	17
Trachoma	Elimination	17	12
Onchocerciasis Americas By 2018	Elimination	6	6
DISEASES BENEFITTING FROM INTEGRATION			
Onchocerciasis Africa	Control Elimination where possible*	15	13 Control (# Elimination/TBD)
Soil Transmitted Helminths	Control	26	19 (100% geographical coverage)
Schistosomiasis	Control	19	11 (100% geographical coverage)

*New WHO guidelines released 12/2015 which will be used to determine countries on-track for elimination.



USAID
FROM THE AMERICAN PEOPLE

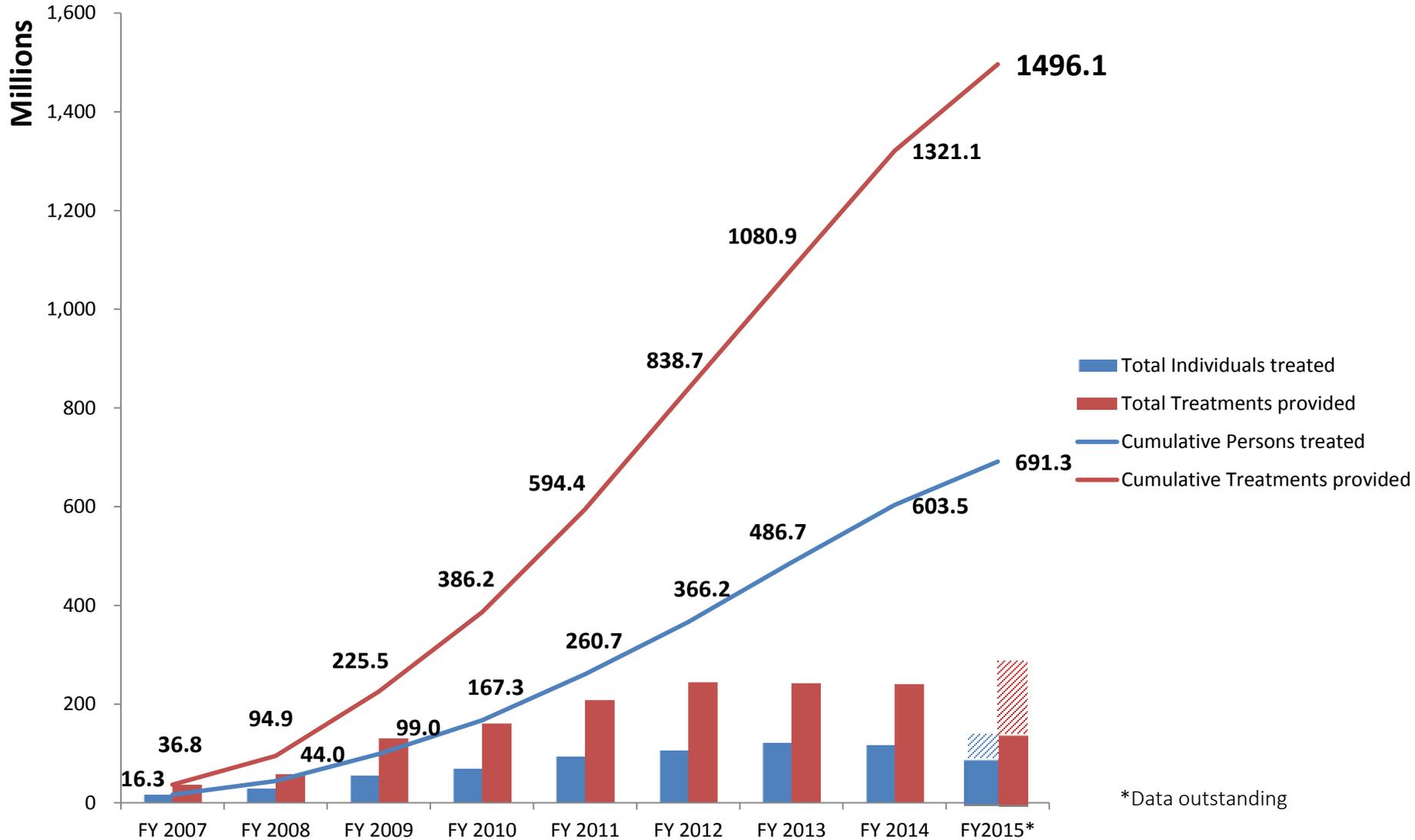
Number of Individuals Treated and Treatments Provided with USAID Support



*Data outstanding



Number of Individuals Treated and Treatments Provided with USAID Support



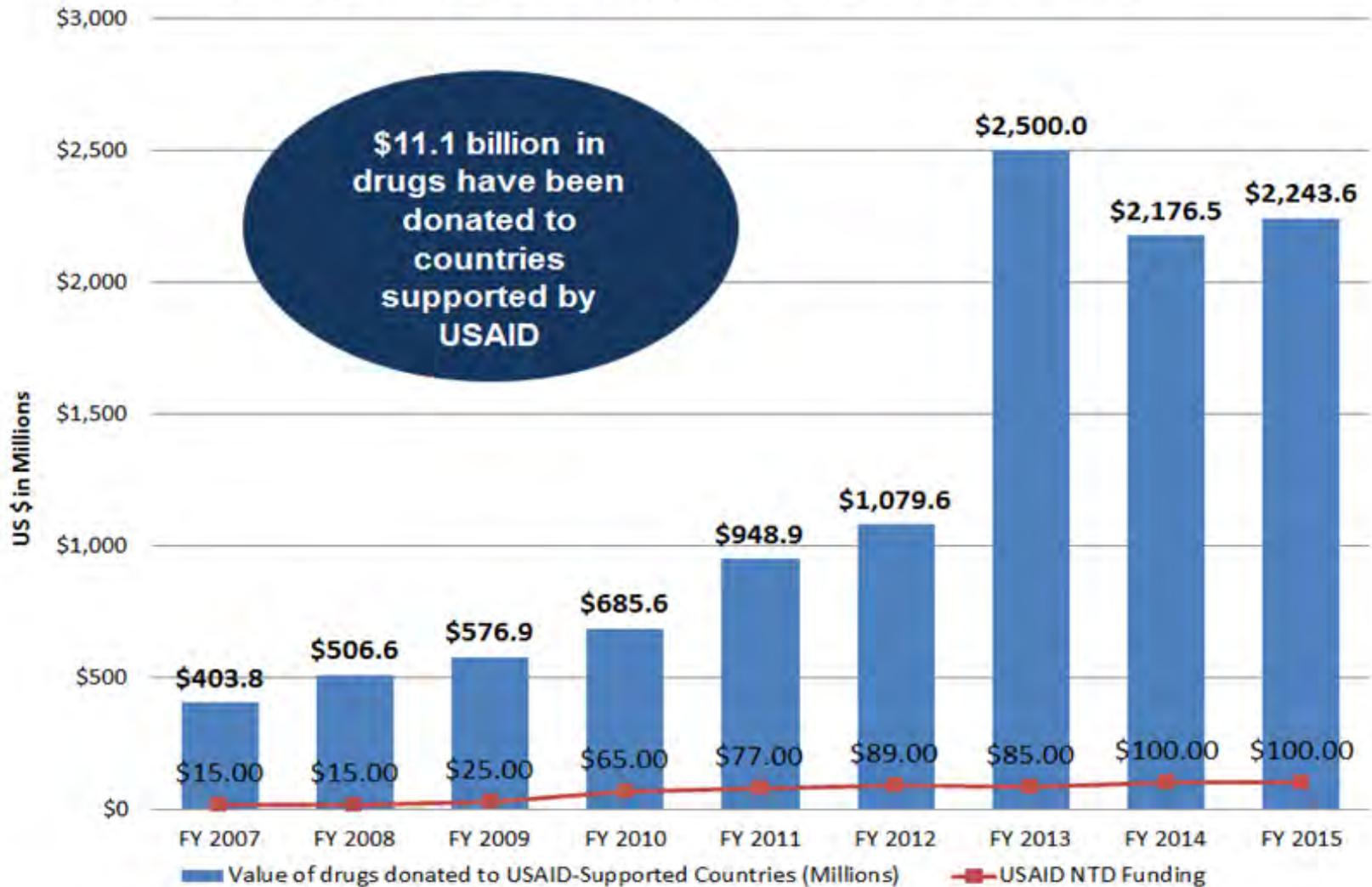
*Data outstanding



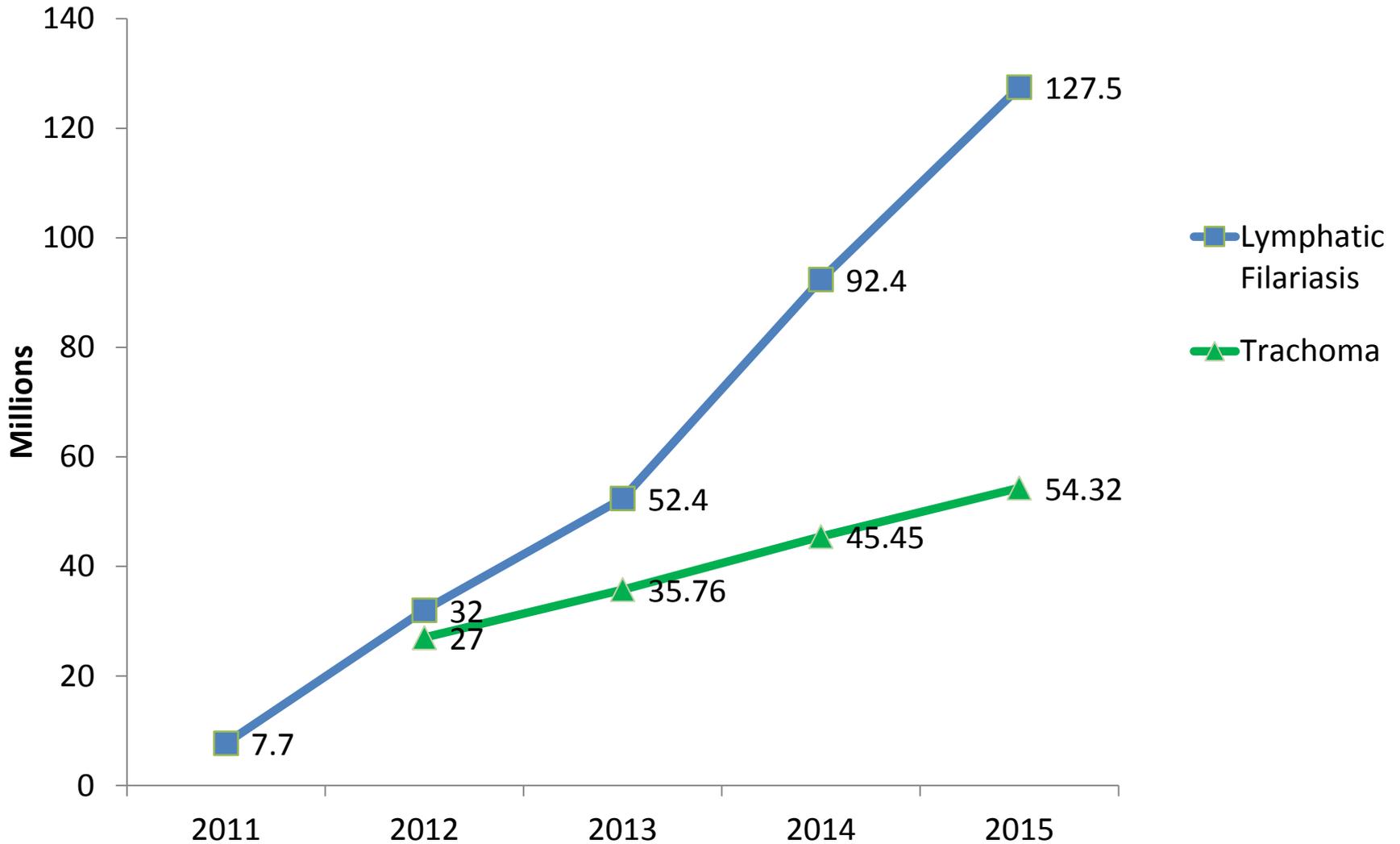
USAID
FROM THE AMERICAN PEOPLE

Leverage of Drug Donations - **\$1:\$26**

Value of Donated Drugs Delivered to USAID-Supported Countries



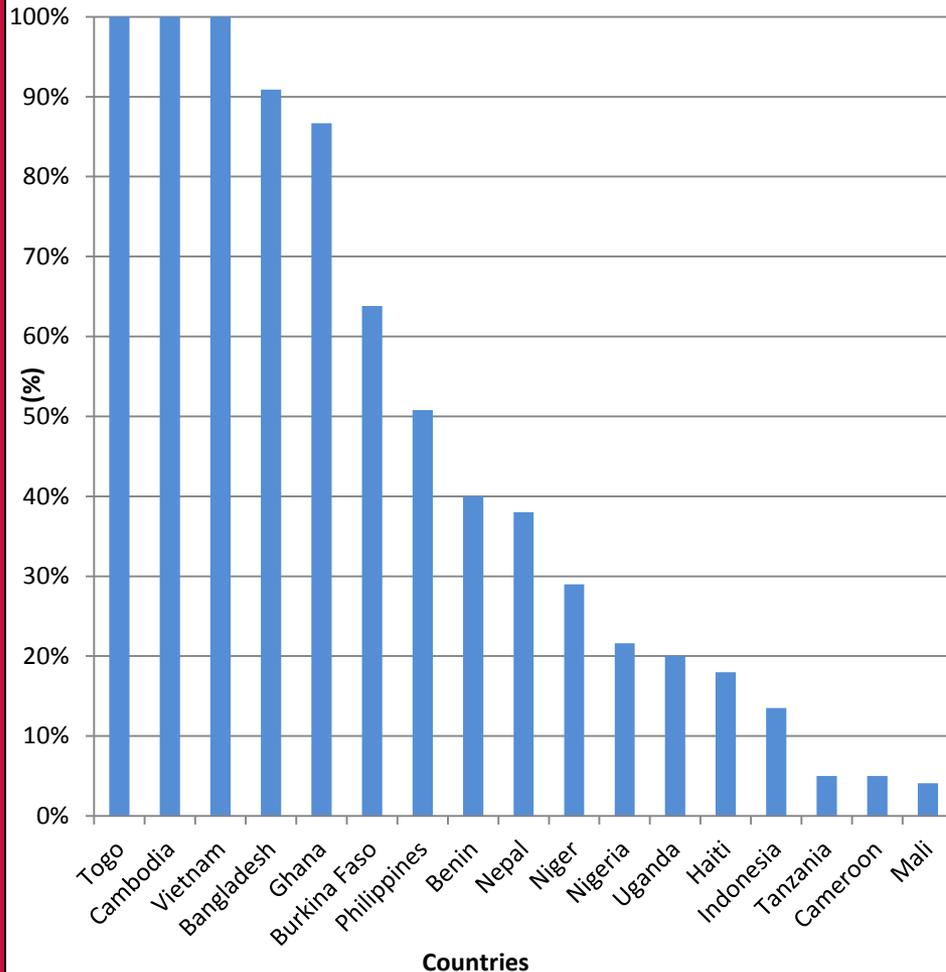
Persons Living in Districts Where Criteria for Stopping MDA Have Been Achieved



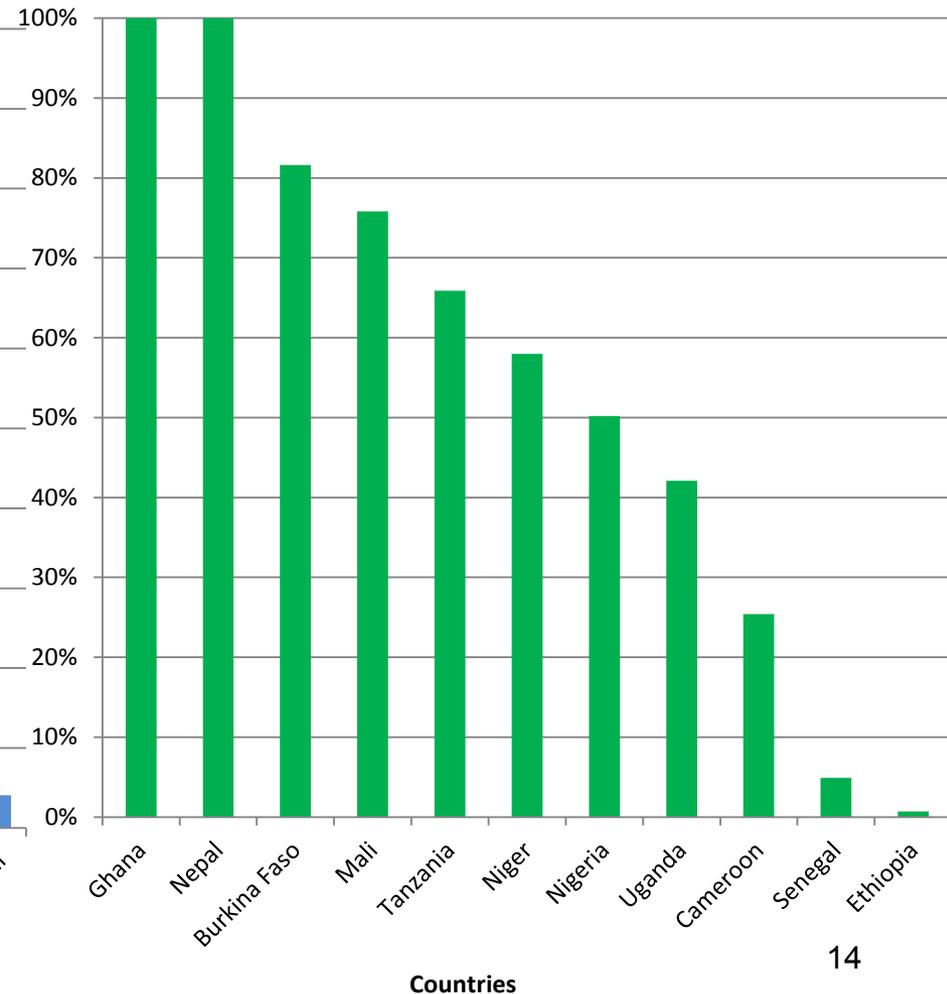
Data for FY15 is still being compiled

Progress towards 2020 Goal: Stop MDA for LF and Trachoma

(%) Persons living in districts where criteria for stopping MDA have been achieved for LF



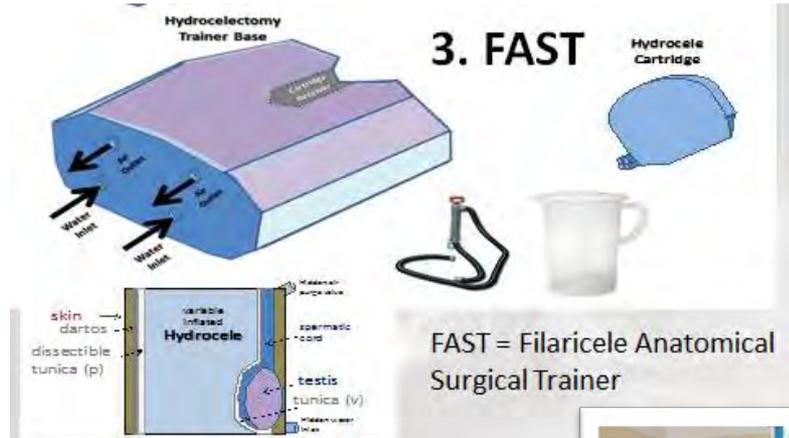
(%) Persons living in districts where criteria for stopping district-level MDA have been achieved for trachoma





Improving SURGICAL QUALITY

Hydrocele Surgery (LF)



Trichiasis Surgery (Trachoma)





1,517,430

People Trained

(2012—present)

78

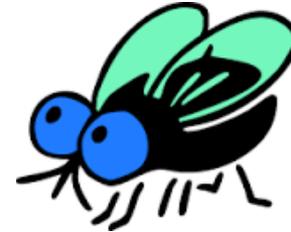
Countries

where global NTD
trainings have reached
individuals

Types of training: global, regional, national, sub-national



USAID
FROM THE AMERICAN PEOPLE



Emily Wainwright, MPH, RD
Acting Division Chief
USAID NTD Program
ewainwright@usaid.gov

Rob Henry, MPH
Senior Public Health Advisor
USAID NTD Program
rhenry@usaid.gov