



# HAITI – EARTHQUAKE AND CHOLERA

## KEY DEVELOPMENTS

- On August 2, the Government of Haiti (GoH) Department of Civil Protection (DPC) issued a red alert due to expected heavy rains and strong winds from Tropical Storm (TS) Emily. In response, a 22-person team from USAID’s Office of U.S. Foreign Disaster Assistance (USAID/OFDA), including 17 surge capacity consultants positioned throughout Haiti, worked in coordination with the GoH, the U.N. Stabilization Mission in Haiti (MINUSTAH), and international humanitarian organizations on the ground to monitor the situation and assist with preparedness efforts. While passing south of Haiti on August 4, TS Emily degenerated into a low-pressure area, causing the GoH to discontinue the red alert on August 5.
- Although TS Emily did not cause significant damage, associated flooding affected between 300 and 400 families and damaged or injured crops and livestock in South Department, according to a U.N. interagency assessment team. Assessments from the GoH and other actors on the ground found that people who relocated to emergency shelters during the storm have returned home. International media sources reported that flooding from the tropical storm led to one death in Les Cayes, South Department, and damaged up to several hundred houses in Artibonite Department.
- As of August 1, USAID/OFDA grantees reported the completion of 27,565 transitional shelters (t-shelters) in Haiti, an increase of 1,939 shelters since the figure reported on June 30. From May 1, 2010—the start of USAID/OFDA’s t-shelter program—to August 1, 2011, USAID/OFDA grantees have built an average of nearly 65 t-shelters per day. In addition, as of August 1, USAID/OFDA grantees have completed repairs to approximately 4,072 structures deemed “yellow” by habitability assessments—or safe for habitation following minor repairs—to accommodate 5,793 households. This figure represents an increase of 815 households since the figure reported on June 30 and a repair rate of more than 27 houses per day.

EARTHQUAKE NUMBERS AT A GLANCE		Source
Estimated Deaths	316,000 <sup>1</sup>	GoH – January 14, 2011
Verified Number of Displaced Individuals in Settlements	634,000	IOM <sup>2</sup> – June 24, 2011
Estimated Affected Population	3 million	U.N. – January 15, 2010

FY 2010 HUMANITARIAN FUNDING FOR THE EARTHQUAKE	
USAID/OFDA Assistance to Haiti for the Earthquake	\$367,588,999
USAID/FFP <sup>3</sup> Assistance to Haiti for the Earthquake	\$188,117,461
USAID/OTI <sup>4</sup> Assistance to Haiti for the Earthquake	\$105,783,936
USAID/Haiti <sup>5</sup> Assistance to Haiti for the Earthquake	\$55,960,409
USAID/DR <sup>6</sup> Assistance to Haiti for the Earthquake	\$3,000,000
State/PRM <sup>7</sup> Assistance to Haiti for the Earthquake	\$14,599,690
DoD <sup>8</sup> Assistance to Haiti for the Earthquake	\$453,000,000

<sup>1</sup> Death estimates vary according to the source.

<sup>2</sup> International Organization for Migration (IOM)

<sup>3</sup> USAID’s Office of Food for Peace (USAID/FFP)

<sup>4</sup> USAID’s Office of Transition Initiatives (USAID/OTI)

<sup>5</sup> USAID/Haiti figures represent funding spent during FY 2010 and FY 2011.

<sup>6</sup> USAID/Dominican Republic (USAID/DR)

<sup>7</sup> U.S. Department of State’s Bureau of Population, Refugees, and Migration (State/PRM)

<sup>8</sup> U.S. Department of Defense (DoD)

FY 2011 HUMANITARIAN FUNDING FOR THE EARTHQUAKE	
USAID/OFDA Assistance to Haiti for the Earthquake	\$38,825,888
State/PRM Assistance to Haiti for the Earthquake	\$1,300,000

TOTAL FY 2010 AND FY 2011 HUMANITARIAN FUNDING PROVIDED TO DATE FOR THE EARTHQUAKE	
Total USAID/OFDA Assistance to Haiti for the Earthquake	\$406,414,887
Total USAID, State, and DoD Humanitarian Assistance to Haiti for the Earthquake	\$1,228,176,383

CHOLERA NUMBERS AT A GLANCE <sup>9</sup>	
Overall Cholera Caseload	419,511
Hospitalized Cases	222,359
Deaths Due to Cholera	5,968
Overall CFR <sup>10</sup>	1.4 percent

TOTAL FY 2010 AND FY 2011 HUMANITARIAN FUNDING PROVIDED TO DATE FOR CHOLERA	
Total USAID/OFDA Assistance to Haiti for Cholera	\$39,949,351
USAID/OTI <sup>11</sup> Assistance to Haiti for Cholera	\$3,425,906
USAID/Haiti <sup>12</sup> Assistance to Haiti for Cholera	\$2,195,032
CDC <sup>13</sup> Assistance to Haiti for Cholera	\$27,449,055
Total USG <sup>14</sup> Humanitarian Assistance to Haiti for Cholera	\$73,019,344

## Context

- On January 12, 2010, a magnitude 7.0 earthquake struck southern Haiti, with its epicenter located 10 miles southwest of the capital, Port-au-Prince. The earthquake killed an estimated 316,000 people and affected approximately 3 million others, according to the GoH. On January 13, U.S. Ambassador Kenneth H. Merten declared a disaster due to the effects of the earthquake. In response, the USG provided more than \$1.1 billion to meet humanitarian needs in Haiti in FY 2010, including more than \$720 million from USAID.
- In the year following the earthquake, humanitarian efforts met the immediate needs of earthquake-affected populations by providing safe drinking water, food, household items, shelter, sanitation facilities, and health services. USAID continues to work closely with other USG agencies, the GoH, international organizations, the U.N., and non-governmental organizations (NGOs) to coordinate ongoing efforts and facilitate the transition from emergency relief activities to recovery operations while addressing identified humanitarian needs.
- On October 22, 2010, Ambassador Merten issued a disaster declaration due to the cholera outbreak. USAID/OFDA's emergency cholera response plan focused on preventing cholera cases, reducing the number of cases requiring hospitalization, and reducing the CFR. The plan included four elements: provision of chlorine to increase availability of safe drinking water, expansion of national hygiene education outreach, provision of sachets of oral rehydration salts and medical supplies, and an increase in the number of cholera treatment facilities (CTFs), particularly in underserved and rural areas. USAID/OFDA recognizes that cholera will likely remain present in Haiti for several years and that the current rainy and hurricane seasons may cause additional caseload spikes.
- USAID/OFDA program office staff remain in Haiti to monitor the evolving humanitarian situation, enhance coordination, and monitor ongoing USAID/OFDA-funded response activities for both cholera and the earthquake. USAID/OFDA is working closely with USAID/Haiti, USAID/OTI, CDC, and the humanitarian community to coordinate efforts and facilitate a smooth transition from emergency relief activities to development programming.

<sup>9</sup> Figures as reported by the GoH Ministry of Public Health and Population on July 31, 2011.

<sup>10</sup> Case Fatality Rate (CFR)

<sup>11</sup> Total USAID/OTI funding includes both direct cholera-related programs and programs with some cholera-related outputs.

<sup>12</sup> USAID/Haiti has pre-existing, long-term health programs that have been an integral part of the cholera response; USAID/Haiti funding also continues to support pre-cholera health activities. The USAID/Haiti funding levels represent estimated amounts for one month of FY 2010 resources expended on the cholera response. USAID/Haiti figures represent funding spent during FY 2011.

<sup>13</sup> U.S. Centers for Disease Control and Prevention (CDC)

<sup>14</sup> U.S. Government (USG)

## **Shelter and Settlements**

- As of June 2011, IOM reported that more than 630,000 people remain in displacement camps as a result of the January 2010 earthquake. On August 5, IOM, the Agency for Technical Cooperation and Development (ACTED), and Communicating with Disaster Affected Communities (CDAC) released an intentions survey conducted by interviewing more than 15,000 earthquake-displaced people in Haiti. The vast majority—94 percent—of people living in Haiti’s more than 1,000 displacement camps reported wanting to leave but noted a lack of financial resources to do so. Camp residents face discomfort, insecurity, the threat of cholera outbreaks, and harsh weather conditions, according to IOM.
- To date in FY 2011, USAID/OFDA has provided nearly \$28 million in shelter and settlement programs throughout Haiti. To encourage voluntary returns, USAID/OFDA supports construction of t-shelters and repair of “yellow” houses. As of July 30, through the Pan American Development Foundation (PADF), USAID/OFDA has repaired 2,972 partially damaged structures, allowing an additional 4,685 households to re-occupy their repaired, formerly “yellow” dwellings in Port-au-Prince.

## **Health**

- On August 2, USAID/OFDA and CDC staff met to discuss cholera-related activities. In addition to funding NGOs to provide cholera treatment and community education outreach, CDC supports increasing the availability of cholera and water treatment commodities in Haiti. CDC is working to support the Government of Haiti’s National Direction for Potable Water and Sanitation (DINEPA) to chlorinate and monitor chlorine levels in rural water treatment systems. In Northwest Department, the DPC provided water tanks, distributed informational flyers, and deployed 20 health workers to affected areas to provide hygiene messaging in late July. DINEPA also distributed nearly 50,000 water purification tablets and sent technicians to sample water points in Northwest Department.
- As of August 1, the Pan American Health Organization (PAHO) reported 245 functioning CTFs throughout Haiti’s 10 departments, a nearly 7 percent increase over the number of CTFs reported in July. In addition, PAHO reported 857 functioning oral rehydration points (ORPs) throughout Haiti. To date, USAID/OFDA has provided more than \$40 million for cholera response activities in Haiti.
- Reports in August indicate a decline in cholera mortality rates since cholera cases peaked in early June 2011; however, localized outbreaks, particularly in Northwest and Southeast departments, continue to occur. The Health Cluster reported a notable spike in cases during June in Carrefour, as well. The current hurricane season may lead to increased outbreaks due to heavy rains, contributing to the deterioration of health and water, hygiene, and sanitation (WASH) conditions. International organizations and NGOs are prepared to continue providing appropriate WASH interventions to areas with localized spikes in cholera, including public health awareness campaigns and distribution of cholera-related WASH commodities. To date in FY 2011, USAID/OFDA has funded nearly \$7 million for cholera-related WASH activities and more than \$3 million for earthquake-related WASH activities throughout Haiti.
- Through IOM, USAID/OFDA continues to pre-position cholera-related commodities in seven warehouses throughout Haiti. In Northwest Department, IOM distributed commodities for treatment and prevention from its Port-de-Paix warehouse to benefit affected populations.

## **Hurricane Season Preparation**

- USAID/OFDA continues hurricane preparation and mitigation efforts, in coordination with its grantees, the GoH, and the international community, including participation in a hurricane simulated exercise on July 20 and 21, as well as the pre-positioning of relief supplies throughout the country. In addition, USAID/OFDA grantee IOM recently conducted sensitization activities in displacement camps in all earthquake-affected areas. IOM health teams visited more than 80 displacement sites to disseminate key flood mitigation messages and restock ORPs with water purification tablets and oral rehydration salt satchels. IOM teams also transmitted preparedness messages to 168 camps in Southeast and West departments.
- On July 26 and 27, USAID/OFDA staff visited hurricane shelters constructed by grantee the Center for International Studies and Cooperation (CECI). CECI hurricane shelters are located in two communes prone to flooding during the rainy season and vulnerable to hurricanes—Gonaïves and Grande Saline, Artibonite Department. CECI has nearly completed construction of cisterns, latrines, hand-washing stations, and cooking areas to accompany the shelters. Each hurricane shelter accommodates 110 families, or approximately 500 individuals, in the event of a severe storm.

- On July 26, USAID/OFDA staff in Haiti met with IOM to discuss ongoing preparations for hurricane season, as well as ongoing disaster mitigation and capacity-building efforts, including distribution of tools to residents to conduct their own mitigation activities on a volunteer basis and teaching children about disaster preparedness through songs and other age-appropriate messaging.
- The U.N. World Food Program (WFP) reports that it has pre-positioned food supplies in 35 locations—sufficient to provide food assistance to approximately 500,000 people for one month—and the International Federation of Red Cross and Red Crescent Societies (IFRC) reports having emergency stocks for 25,000 families, or 125,000 people, pre-positioned throughout the country. Many NGOs also report additional smaller stocks available for distribution.

#### **International Humanitarian Assistance**

- As of August 2011, State/PRM has increased support to the Office of the U.N. High Commissioner for Refugees (UNHCR) by \$300,000, for a total of \$1.3 million provided in FY 2011, to support protection and humanitarian assistance activities for displaced people and host communities on the Haitian side of the Haiti–Dominican Republic border.

**FY 2011 USAID AND STATE HUMANITARIAN ASSISTANCE TO HAITI  
FOR THE EARTHQUAKE**

<b>FY 2011</b>			
<b>Implementing Partner</b>	<b>Activity</b>	<b>Location</b>	<b>Amount</b>
<b>USAID/OFDA ASSISTANCE<sup>1</sup></b>			
American Refugee Committee (ARC)	Shelter and Settlements	West Department	\$1,927,230
CHF International	Health, WASH, Shelter and Settlements	Port-au-Prince	\$16,705,583
DoD	Logistics and Relief Commodities	Affected Areas	\$858,806
GOAL	Economic Recovery and Market Systems, Shelter and Settlements, WASH	Port-au-Prince	\$2,449,449
IOM	Shelter and Settlements	Affected Areas	\$3,006,255
Medair/SWI	Economic Recovery and Market Systems, Shelter and Settlements	Southeast Department	\$2,055,784
MENTOR Initiative	Health	Port-au-Prince, Petit Goâve, Grand Goâve, Léogâne, West Department, and Jacmel, Southeast Department	\$685,661
PADF	Shelter and Settlements	Port-au-Prince	\$4,000,000
Partners in Health (PIH)	Health	Port-au-Prince	\$1,731,766
Première Urgence (PU)	Economic Recovery and Market Systems, Shelter and Settlements, WASH	Port-au-Prince	\$790,000
U.N. Development Program	Humanitarian Coordination and Information Management	Port-au-Prince	\$77,393
US Geological Survey (USGS)	Natural and Technological Risks	Affected Areas	\$298,000
World Concern Development Organization (WCDO)	Shelter and Settlements, WASH	Port-au-Prince	\$2,983,702
	Logistics and Relief Commodities		\$499,705
	Administrative Support		\$756,554
<b>TOTAL USAID/OFDA</b>			<b>\$38,825,888</b>
<b>STATE/PRM ASSISTANCE</b>			
UNHCR	Protection and Assistance to Internally Displaced Persons and Host Communities	Haiti–Dominican Republic Border	\$1,300,000
<b>TOTAL STATE/PRM</b>			<b>\$1,300,000</b>
<b>TOTAL USAID AND STATE TO HAITI IN FY 2011</b>			<b>\$40,125,888</b>

<sup>1</sup> USAID/OFDA funding represents anticipated or actual obligated amounts as of August 12, 2011.

**FY 2011 USG HUMANITARIAN ASSISTANCE TO HAITI FOR CHOLERA**

<b>FY 2011</b>			
<b>Implementing Partner</b>	<b>Activity</b>	<b>Location</b>	<b>Amount</b>
<b>USAID/OFDA ASSISTANCE<sup>1</sup></b>			
Action Contre la Faim (ACF)	WASH	Artibonite, Northwest Departments	\$925,000
ARC	Health, WASH	West Department	\$1,144,166
CARE	Health, WASH	Grand Anse Department	\$985,481
Catholic Relief Services (CRS)	Health	Artibonite, Grand Anse, Nippes, North, Northwest, South, West Departments	\$1,417,527
CDC	Health	Affected Areas	\$275,000
CECI	WASH	Artibonite Department	\$400,096
Concern	WASH	Center, West Departments	\$624,942
Fairfax County Fire Department	Logistics and Relief Commodities	Affected Areas	\$23,275
U.S. Department of Health and Human Services (HHS)	Logistics and Relief Commodities	Affected Areas	\$500,000
International Medical Corps (IMC)	Health, WASH	Artibonite, Center, North, Northeast, Northwest, South, Southeast, West Departments	\$7,285,583
IOM	Health, Logistics and Relief Commodities	Artibonite, North, Northeast, Northwest, Southeast, West Departments	\$4,600,000
IOM	Logistics and Relief Commodities	Affected Areas	\$7,800,000
L.A. County Fire Department	Logistics and Relief Commodities	Affected Areas	\$213,137
Management Sciences for Health (MSH)	Health	Affected Areas	\$825,617

Mercy Corps	WASH	Center Department	\$925,013
PIH	Health, WASH	Artibonite, Center, West Departments	\$1,500,000
Samaritan's Purse (SP)	Health, Logistics and Relief Commodities, WASH	West Department	\$2,869,431
Save the Children (SC)	Health, WASH	West Department	\$825,000
WCDO	Health	West Department	\$364,180
OCHA	Humanitarian Coordination and Information Management	Affected Areas	\$1,000,000
U.N. World Health Organization/PAHO	Health	Affected Areas	\$635,580
	Logistics and Relief Commodities	Affected Areas	\$4,554,100
	Administrative/Disaster Assistance Response Team Support		\$256,223
<b>TOTAL USAID/OFDA</b>			<b>\$39,949,351</b>
<b>USAID/OTI ASSISTANCE</b>			
Implementing Partners	Health, Logistics and Relief Commodities, WASH, Media and Awareness, Public Outreach	Affected Areas	\$3,425,906
<b>TOTAL USAID/OTI</b>			<b>\$3,425,906</b>
<b>CDC ASSISTANCE</b>			
Implementing Partners	Health, WASH, Monitoring, Relief Commodities, Community Health Services	Affected Areas	\$27,449,055
<b>TOTAL CDC</b>			<b>\$27,449,055</b>
<b>USAID/HAITI ASSISTANCE<sup>2</sup></b>			
Community Health and AIDS Mitigation Project (CHAMP)	Community Health Services	Countrywide	\$198,000
Leadership, Management, and Sustainability Program (LMS)	Logistics and Relief Commodities	Countrywide	\$185,000
PROMARK	Health, Public Outreach	Countrywide	\$232,000
Supply Chain Management System (SCMS)	Logistics and Relief Commodities	Countrywide	\$ 780,032
Health for the Development and Stability of Haiti (SDSH)	Essential Health Services	Countrywide	\$800,000
<b>TOTAL USAID/HAITI</b>			<b>\$2,195,032</b>
<b>TOTAL USG HUMANITARIAN ASSISTANCE TO HAITI FOR CHOLERA</b>			<b>\$73,019,344</b>

<sup>2</sup> USAID/Haiti figures represent funding spent during FY 2011.

## **PUBLIC DONATION INFORMATION**

- The most effective way people can assist relief efforts is by making cash contributions to humanitarian organizations that are conducting relief operations. A list of humanitarian organizations that are accepting cash donations for cholera efforts in Haiti can be found at [www.interaction.org](http://www.interaction.org). Information on organizations responding to the humanitarian situation in Haiti may be available at [www.reliefweb.int](http://www.reliefweb.int).
- USAID encourages cash donations because they allow aid professionals to procure the exact items needed (often in the affected region); reduce the burden on scarce resources (such as transportation routes, staff time, and warehouse space); can be transferred very quickly and without transportation costs; support the economy of the disaster-stricken region; and ensure culturally, dietary, and environmentally appropriate assistance.
- More information can be found at:
  - USAID: [www.usaid.gov](http://www.usaid.gov) – Keyword: Donations
  - The Center for International Disaster Information: [www.cidi.org](http://www.cidi.org) or (202) 821.1999.
  - Information on relief activities of the humanitarian community can be found at [www.reliefweb.int](http://www.reliefweb.int)