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**BUREAU FOR DEMOCRACY, CONFLICT, AND HUMANITARIAN ASSISTANCE (DCHA)  
OFFICE OF U.S. FOREIGN DISASTER ASSISTANCE (OFDA)**

## Haiti – Earthquake and Cholera

Fact Sheet #9, Fiscal Year (FY) 2011

July 11, 2011

*Note: The last fact sheet was dated June 27, 2011.*

### KEY DEVELOPMENTS

- According to a June 30 report from the U.N. Office for the Coordination of Humanitarian Affairs (OCHA), identification of localized spikes in new cholera cases continues; however, the overall case fatality rate (CFR) also continues to decrease across all of Haiti’s 10 departments.
- During a June 27 meeting with USAID/OFDA, the International Organization for Migration (IOM) staff reported a coordinated and adequate response to local cholera outbreaks. IOM is working with the Pan-American Health Organization (PAHO) to provide commodities to areas of need identified by PAHO’s National Alert System. On June 28, PAHO reported ongoing coordination to successfully provide commodities to areas experiencing cholera spikes. With transportation support from the U.N. World Food Program (WFP), PAHO provides targeted deliveries of IOM and U.N. Children’s Fund (UNICEF)-supplied cholera treatment and prevention commodities. To date, USAID/OFDA has provided nearly \$40 million for the cholera response in Haiti.

EARTHQUAKE NUMBERS AT A GLANCE		SOURCE
Estimated Deaths	316,000 <sup>1</sup>	GoH <sup>2</sup> – January 14, 2011
Verified Number of Displaced Individuals in Settlements	634,000	IOM – June 17, 2011
Estimated Affected Population	3 million	U.N. – January 15, 2010

### FY 2010 HUMANITARIAN FUNDING PROVIDED 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 Assistance to Haiti for the Earthquake.....	\$52,388,856
USAID/DR <sup>5</sup> Assistance to Haiti for the Earthquake.....	\$3,000,000
State/PRM <sup>6</sup> Assistance to Haiti for the Earthquake.....	\$14,599,690
DoD <sup>7</sup> Assistance to Haiti for the Earthquake.....	\$453,000,000

### FY 2011 HUMANITARIAN FUNDING PROVIDED TO DATE FOR THE EARTHQUAKE

USAID/OFDA Assistance to Haiti for the Earthquake .....	\$37,579,183
State/PRM Assistance to Haiti for the Earthquake.....	\$1,000,000

### TOTAL FY 2010 AND FY 2011 HUMANITARIAN FUNDING PROVIDED TO DATE FOR THE EARTHQUAKE

Total USAID/OFDA Assistance to Haiti for the Earthquake .....	\$405,168,182
Total USAID, State, and DoD Humanitarian Assistance to Haiti for the Earthquake.....	\$1,223,058,125

CHOLERA NUMBERS AT A GLANCE		SOURCE
Overall Cholera Caseload	381,236	MSPP <sup>8</sup> – July 3, 2011
Hospitalized Cases	202,028	MSPP – July 3, 2011
Deaths Due to Cholera	5,609	MSPP – July 3, 2011
Overall CFR	1.5 percent	MSPP – July 3, 2011

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

<sup>2</sup> Government of Haiti (GoH)

<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/Dominican Republic (USAID/DR)

<sup>6</sup> U.S. Department of State’s Bureau of Population, Refugees, and Migration (State/PRM)

<sup>7</sup> U.S. Department of Defense (DoD)

<sup>8</sup> GoH Ministry of Public Health and Population (MSPP)

**FY 2010 AND FY 2011 HUMANITARIAN FUNDING PROVIDED TO DATE FOR CHOLERA**

USAID/OFDA Assistance to Haiti for Cholera .....	\$39,949,351
USAID/OTI Assistance to Haiti for Cholera <sup>9</sup> .....	\$3,477,273
USAID/Haiti <sup>10</sup> Assistance to Haiti for Cholera.....	\$2,015,000
CDC <sup>11</sup> Assistance to Haiti for Cholera .....	\$20,814,314
Total USG <sup>12</sup> Humanitarian Assistance to Haiti for Cholera.....	\$66,255,938

**HUMANITARIAN 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 \$716 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 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 (ORS) 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 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.

***Shelter and Settlements***

- As of May 31, members of the Shelter Cluster—the lead organization for coordination of shelter activities—had completed more than 73,700 transitional shelters (t-shelters), an increase of more than 16,700 t-shelters since the figure reported on March 25. As of June 30, USAID/OFDA supported the construction of more than 25,600 t-shelters through partners, representing nearly 35 percent of t-shelters built by the international community. The new figure represents an increase of nearly 900 t-shelters since the figure reported on June 20.
- As of May 21, Shelter Cluster members had repaired nearly 4,900 of the approximately 11,000 structures currently slated for repair. As of June 30, USAID/OFDA had supported the repair of approximately 3,525 structures deemed “yellow” by USAID/OFDA-funded habitability assessments—or safe for habitation following minor repairs—benefiting nearly 4,980 households, or approximately 24,900 people. This figure represents an increase of 645 households since the figure reported on May 10. To date, USAID/OFDA has provided more than \$108 million for shelter and settlement programs in Haiti.
- USAID/OFDA recently provided the Pan-American Development Foundation (PADF) with an additional \$2 million to repair houses deemed yellow. PADF plans to repair houses in the Ravine Pintade neighborhood of Port-au-Prince, an area that sustained heavy earthquake damage. To date, USAID/OFDA has provided \$4 million to PADF for yellow-house repair.
- On June 28, USAID/OFDA staff visited GOAL's t-shelter program in the Debussy and Turgeau neighborhoods of Port-au-Prince. To date, GOAL has completed 1,330 t-shelters in Port-au-Prince and Gressier communes with USAID/OFDA funding. GOAL operates shelter and water, sanitation, and hygiene (WASH) programs in more than 60 displaced persons camps throughout the Port-au-Prince and Gressier areas with USAID/OFDA funding.

<sup>9</sup> Total USAID/OTI funding includes both direct cholera-related programs and programs with some cholera-related outputs.

<sup>10</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.

<sup>11</sup> U.S. Centers for Disease Control and Prevention (CDC)

<sup>12</sup> U.S. Government (USG)

### **Health**

- On June 27, USAID/OFDA met with staff from IOM to discuss the repositioning, management, and distribution of cholera- and hurricane-related commodities. USAID/OFDA staff noted that IOM continues to implement strong cholera-tracking and reporting mechanisms. In FY 2011, USAID/OFDA has provided more than \$16.5 million for cholera-related health activities in Haiti.
- IOM tracks cholera cases through 89 USAID/OFDA-funded oral rehydration points (ORPs) in displaced persons camps in Delmas, Cité Soleil, Croix-des-Bouquets, Pétion-Ville, Tabarre, and Port-au-Prince communes. During the first six weeks of Haiti's rainy season, cholera cases at the ORPs increased incrementally. However, IOM staff acknowledged that a reduction of health actors as NGO staff leave the country and ORPs close may result in remaining ORPs receiving a higher proportion of cases and people from outside camps seeking treatment at camp-based ORPs. Additionally, ORPs have registered increased gastrointestinal complaints that are not likely cholera and result from the seasonal increase in all diarrheal diseases.
- The Health Cluster reported a 25 percent decline in the number of potential new cholera cases at ORPs during the five weeks prior to June 28. International organizations and NGOs continue to respond to localized spikes in new cholera cases with WASH services, such as public health awareness campaigns and distribution of cholera-related WASH commodities, according to the June 30 report from OCHA.

### **WASH**

- A recent WASH study in the Port-au-Prince metropolitan area indicates an increase in the number of households with access to chlorinated water since late June, according to a July 5 situation report from the Health Cluster. In FY 2011, USAID/OFDA has provided nearly \$7 million for cholera-related WASH activities in Haiti.
- IOM staff noted that significant WASH activities—including hygiene promotion, latrine maintenance, desludging, and provision of clean water—likely prevented high cholera rates in Port-au-Prince's displaced persons camps. Alternatively, the recent reduction of WASH services is likely connected to recent increased caseloads. IOM reported that the reduced presence of health partners and camp management agencies in the camps is also linked to increased rates.
- The Camp Coordination and Camp Management Cluster, of which IOM is the lead agency, has responded to the increased rate of new cholera cases by reinforcing existing ORPs, investigating and responding to localized increases, and conducting mitigation activities to improve drainage and prevent further spread of cholera. IOM has also strengthened surveillance in camps in collaboration with the Health Cluster and PAHO's National Alert System.

### **Logistics**

- On June 27, IOM reported continued preparations to respond quickly to commodity needs that may result from future storms and cholera spikes. In recent weeks, IOM adjusted prepositioned stocks in response to a joint Health and WASH Cluster vulnerability analysis that identified the West and Southwest departments with the highest vulnerability to cholera, as well as isolated areas of Grande Anse, Northwest, and North departments. IOM also increased capacity in the warehouse in Gonaïves, Artibonite Department to support the smaller warehouses in Port-de-Paix, Northwest Department and Cap-Haïtien, North Department. In addition, IOM recently opened a seventh warehouse in Petit Goâve, West Department, strategically situated to improve response capability in areas often inaccessible due to flooding. IOM also maintains warehouses in Les Cayes, South Department; Jacmel, Southeast Department; and Port-au-Prince, West Department.
- While meeting with USAID/OFDA staff, IOM outlined an updated logistics pipeline outreach strategy developed to inform partners about the non-food items (NFIs) and associated services available within IOM's network of warehouses throughout Haiti. IOM has produced a flyer that provides partners with an overview of available NFIs and decentralized contact information for IOM's warehouses; until recently, partners in all departments communicated through IOM's operations in Port-au-Prince. IOM will distribute the flyer through the Health and WASH Clusters and various GoH meetings.
- The Logistics Cluster transported 310 metric tons of cholera- and earthquake-related supplies from Port-au-Prince to the areas of Beareau, Cap-Haïtien, Fond des Blancs, Gonaïves, Jacmel, Les Cayes, Miragoâne, Petit Goâve, Port-de-Paix, and St. Marc in June. The Logistics Cluster noted that requests for surface transport services continue to decrease. To date, USAID/OFDA has provided nearly \$90 million and \$14.6 million for earthquake- and cholera-related logistics and relief commodities, respectively.
- On June 29, U.S. Southern Command (SOUTHCOM) reported plans to procure commodities for the GoH Department of Civil Protection (DPC) warehouses renovated through SOUTHCOM's Humanitarian Assistance Program (HAP). USAID/OFDA informed SOUTHCOM that USAID/OFDA partners IOM and WFP indicated willingness to provide additional warehouse management training for DPC warehouse staff following the HAP's initial two-day course.

**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	Port-au-Prince	\$1,924,875
CHF International	Health, Protection, Shelter and Settlements, WASH	Port-au-Prince	\$16,705,583
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	\$2,055,784
MENTOR Initiative	Health	Port-au-Prince, Petit Goâve, Grand Goâve, Léogâne, Jacmel	\$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
World Concern Development Organization (WCDO)	Shelter and Settlements, WASH	Port-au-Prince	\$2,983,702
	Logistics and Relief Commodities		\$489,554
	Administrative Costs		\$756,554
<b>TOTAL USAID/OFDA</b>			<b>\$37,579,183</b>
<b>STATE/PRM ASSISTANCE</b>			
Office of the U.N. High Commissioner for Refugees (UNHCR)	Protection and Assistance to IDPs and Host Communities	Haiti–D.R. Border	\$1,000,000
<b>TOTAL STATE/PRM</b>			<b>\$1,000,000</b>
<b>TOTAL USAID AND STATE HUMANITARIAN ASSISTANCE TO HAITI IN FY 2011</b>			<b>\$38,579,183</b>

**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 Department	\$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
Center for International Studies and Cooperation (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
World Health Organization (WHO) / PAHO	Health	Affected Areas	\$635,580
	Logistics and Relief Commodities	Affected Areas	\$4,554,100
	Administrative Costs		\$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	\$3,477,273
<b>TOTAL USAID/OTI</b>			<b>\$3,477,273</b>
<b>CDC ASSISTANCE</b>			
Implementing Partners	Health, WASH, Monitoring, Relief Commodities, Community Health Services	Affected Areas	\$20,814,314
<b>TOTAL CDC</b>			<b>\$20,814,314</b>

<b>FY 2010</b>			
<b>Program</b>	<b>Activity</b>	<b>Location</b>	<b>Amount</b>
<b>USAID/HAITI ASSISTANCE</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	\$600,000
Health for the Development and Stability of Haiti (SDSH)	Essential Health Services	Countrywide	\$800,000
<b>TOTAL USAID/HAITI</b>			<b>\$2,015,000</b>
<b>TOTAL USG HUMANITARIAN ASSISTANCE TO HAITI FOR CHOLERA</b>			<b>\$66,255,938</b>

<sup>1</sup> USAID/OFDA funding represents anticipated or actual obligated amounts as of July 11, 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 (703) 276-1914
  - Information on relief activities of the humanitarian community can be found at [www.reliefweb.int](http://www.reliefweb.int)

USAID/OFDA bulletins appear on the USAID web site at [http://www.usaid.gov/our\\_work/humanitarian\\_assistance/disaster\\_assistance/](http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/)