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## Haiti – Cholera

Fact Sheet #16, Fiscal Year (FY) 2011

January 21, 2011

*Note: The last fact sheet was dated January 14, 2011.*

### KEY DEVELOPMENTS

- On January 20, USAID Office of U.S. Foreign Disaster Assistance (USAID/OFDA) Haitian surge consultants deployed to Artibonite Department to conduct a quantitative survey on cholera knowledge, prevention, and hygiene practices. Surge consultant teams are visiting 180 randomly selected households in three clusters of sites in the department. The survey is a follow up to a qualitative survey completed in all of Haiti’s 10 departments by surge capacity consultants the previous week and will collect additional information to identify response gaps and inform future response decisions.
- Since January 14, the USAID Disaster Assistance Response Team (USAID/DART) has conducted assessments in South Department and Port-au-Prince, West Department. The USAID/DART reports sufficient availability of cholera-related commodities in assessed areas and that daily caseload numbers continue to decline.
- On January 20, USAID/OFDA delivered more than 300,000 sachets of oral rehydration salts (ORS) to Haiti. To date, USAID/OFDA has provided more than 5.3 million ORS sachets, enough to treat approximately 530,000 people with moderate to severe cholera symptoms.

NUMBERS AT A GLANCE		SOURCE
Overall Cholera Caseload	194,095	MSPP <sup>1</sup> – January 16, 2011
Hospitalized Cases	109,015	MSPP – January 16, 2011
Deaths Due to Cholera	3,889	MSPP – January 16, 2011
Overall Case Fatality Rate <sup>2</sup>	2.0 percent	MSPP – January 16, 2011

### HUMANITARIAN FUNDING PROVIDED TO DATE FOR CHOLERA

USAID/OFDA Assistance to Haiti for Cholera.....	\$39,460,051
USAID/OTI <sup>3</sup> Assistance to Haiti for Cholera.....	\$1,016,214
USAID/Haiti Assistance to Haiti for Cholera <sup>4</sup> .....	\$2,015,000
<b>Total USAID Humanitarian Assistance to Haiti for Cholera .....</b>	<b>\$42,491,265</b>

### CONTEXT

- On October 22, U.S. Ambassador Kenneth H. Merten issued a disaster declaration due to the cholera outbreak. On October 26, USAID deployed a DART to work closely with staff from USAID/Haiti, USAID/OTI, and the U.S. Centers for Disease Control and Prevention (CDC) to coordinate emergency response efforts, provide technical assistance to the MSPP, and support longer-term health systems. USAID also stood up a Response Management Team in Washington, D.C., to support the USAID/DART in Haiti and coordinate with the USAID Haiti Task Team (HTT) in Washington, D.C.
- USAID/OFDA’s response plan focuses on preventing cholera cases, reducing the number of cases requiring hospitalization, and reducing the CFR. The plan outlines four elements: provision of chlorine to increase availability of safe drinking water; expansion of national hygiene education outreach; provision of sachets of ORS and medical supplies; and an increase in the number of cholera treatment facilities (CTFs), particularly in underserved and rural areas.
- USAID/Haiti continues to work with the MSPP and Pan American Health Organization (PAHO) to plan and respond to the cholera outbreak. USAID/Haiti grantees are distributing educational materials, conducting hygiene trainings, and broadcasting prevention messages. In addition, USAID/Haiti grantees have procured and consigned commodities—including ORS, water purification materials, intravenous sets, lactated Ringer’s (an intravenous solution), and bleach—to USAID-supported health sites and other sites treating cholera cases.

<sup>1</sup> Government of Haiti (GoH) Ministry of Public Health and Population (MSPP)

<sup>2</sup> Case Fatality Rate (CFR)

<sup>3</sup> USAID’s Office of Transition Initiatives (USAID/OTI)

<sup>4</sup> USAID/Haiti has pre-existing, long-term health programs that have been an integral part of the cholera response; these programs have also continued normal activities. The USAID/Haiti funding levels represent estimated amounts for one month of FY 2010 resources expended on the cholera response. The funding is based on an estimate of the program spending rate and percentage of resources expended on the cholera response.

- In response to the outbreak, USAID/OTI is conducting direct cholera prevention activities. All ongoing and new USAID/OTI activities responding to the earthquake now also include cholera prevention and education elements. An initiative launched in late December aims to improve public health by increasing the supply of affordable, safe, and clean water for Cité Soleil residents by providing cost-effective water purification systems to six existing water kiosks.
- In addition to ongoing work to strengthen and rebuild Haiti's basic public health infrastructure, CDC is contributing scientific leadership and technical guidance in response to the outbreak in four key areas: treating patients in health facilities; preventing illness and deaths in communities; monitoring the spread of disease; and improving laboratory and diagnostic capacity. CDC currently has a total of 193 staff providing support to the MSPP cholera response. A total of sixteen staff members remain deployed specifically for the cholera response, including eight staff members in Haiti, two staff members in the Dominican Republic, one staff member in Washington, D.C., and one staff member in Miami, Florida. Among those involved in the cholera response are medical officers, epidemiologists, laboratory scientists, environmental health specialists, public health advisors, communication specialists, planners, information technology specialists, and support staff.
- The MSPP's approach to the cholera outbreak has focused on community-level primary response to provide rehydration, disinfect affected sites, and promote good health practices; CTFs at health service sites where patients can receive oral rehydration and basic intravenous therapy; and CTFs dedicated to treatment of severe cases.
- The attached CTF Distribution for Haiti Cholera Outbreak Map identifies the approximate locations of cholera treatment units (CTUs) and cholera treatment centers (CTCs)—jointly referred to as CTFs—based upon data received from the Health Cluster, the coordinating body for health activities. The information presented in the map is representative of current Health Cluster data and may not reflect the total number of CTFs operational in Haiti.

### **Health**

- On January 20, USAID/DART staff visited three oral rehydration points (ORPs) and two CTFs operated by the International Organization for Migration (IOM) in the Port-au-Prince neighborhood of Cité Soleil. In total, IOM operates 137 ORPs in displacement camps—with USAID/OFDA funding and support from other international donors—and has helped establish 75 additional ORPs run by other relief agencies.
- Each IOM-supported ORP is staffed by a team of three trained community health workers (CHWs) who provide hygiene messaging, and one water, sanitation, and hygiene (WASH) employee who monitors chlorine levels at water points and hand-washing stations. IOM treats the majority of patients with ORS; any severely dehydrated patients are transported by the Haitian Red Cross to nearby CTFs. According to IOM, the number of patients at the ORPs in Cité Soleil peaked two to three weeks ago and has been consistently dropping since.
- In South Department, the USAID/DART visited two CTFs run by USAID/OFDA grantee International Medical Corps (IMC) which reported a decreasing rate of new cases in recent weeks. The USAID/DART also discussed caseload trends with grantee Catholic Relief Services (CRS), which supports five MSPP-operated health facilities in South Department capable of treating cholera. CRS also reported a decreasing rate of new cases received at the CTFs, as well as decreasing severity of cases received at some facilities—likely due to the use of ORS prior to arriving at the facilities.

### **WASH**

- The Health Cluster reports that rural areas require increased interventions to ensure that populations are educated on cholera transmission and prevention. As part of the overall effort to increase treatment access, several USAID/OFDA grantees are scaling up training of CHWs to provide interventions in rural and underserved areas.
- During the USAID/DART assessment to South Department, CRS and IMC emphasized that WASH education is critical to preventing the further spread of cholera. With USAID/OFDA support, CRS operates a network of 800 CHWs to provide cholera treatment and prevention information in rural areas, and has also helped train staff in the five MSPP-operated health facilities to develop cholera treatment capability. In recent weeks, IMC reported training approximately 3,000 CHWs throughout South Department.

### **Logistics and Relief Commodities**

- As of January 14, the Program on Essential Medicine and Supplies (PROMESS) had transported commodities from the central warehouse in Port-au-Prince to all of Haiti's 10 departments to treat a countrywide total of 136,400 severe or moderate cholera cases. Of the commodities distributed, 40 percent were pre-positioned in warehouses to respond quickly to newly identified needs. USAID/OFDA has provided a total of 2 million ORS sachets and 100,000 liters of lactated Ringer's intravenous saline solution for distribution through the PROMESS system.
- On January 14 and 15, USAID/DART staff visited grantee IOM warehouse operations in South Department. USAID/DART logisticians report a strong logistics pipeline in the department, with improved supply and distribution capacity compared to an assessment conducted in early December. In addition, both CRS and IMC report adequate access to cholera-related commodities and maintain up to a one month stock of medicines at CTFs.

- USAID/OFDA grantee CRS has broadened its existing rural transportation program in South Department to enable community members to transport cholera patients from remote areas to accessible main roads. From the main roads, CRS noted that PAHO and Médecins Sans Frontières have ambulances available to transport cholera patients to CTFs in South Department.

**USAID HUMANITARIAN ASSISTANCE TO HAITI FOR CHOLERA**

<b>FY 2011</b>			
<i>Grantee</i>	<i>Activity</i>	<i>Location</i>	<i>Amount</i>
<b>USAID/OFDA ASSISTANCE<sup>1</sup></b>			
ACF	WASH	Artibonite, Northwest Departments	\$925,000
American Refugee Committee (ARC)	Health, WASH	West Department	\$1,144,166
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	\$400,096
Concern	WASH	Center, West Departments	\$624,942
U.S. Department of Health and Human Services (HHS)	Logistics and Relief Commodities	Affected Areas	\$500,000
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
Management Sciences for Health (MSH)	Health	Affected Areas	\$825,617
Mercy Corps	WASH	Center Department	\$925,013
Partners in Health (PIH)	Health, WASH	Artibonite, Center, and West Departments	\$1,500,000
SP	Health, Logistics and Relief Commodities, WASH	West Department	\$2,869,431
Save the Children (SC)	Health, WASH	West Department	\$825,000
World Concern Development Organization (WCDO)	Health	West Department	\$364,180

U.N. Office for the Coordination of Humanitarian Affairs (OCHA)	Humanitarian Coordination and Information Management	Affected Areas	\$1,000,000
U.N. World Health Organization (WHO)/ PAHO	Health	Affected Areas	\$635,580
	Logistics and Relief Commodities	Affected Areas	\$5,385,505
	Administrative Costs		\$157,411
<b>TOTAL USAID/OFDA</b>			<b>\$39,460,051</b>
<b>USAID/OTI ASSISTANCE</b>			
Implementing Partners	Health, Logistics and Relief Commodities, WASH	Affected Areas	\$1,016,214
<b>TOTAL USAID/OTI</b>			<b>\$1,016,214</b>
<b>FY 2010</b>			
<i>Program</i>	<i>Activity</i>	<i>Location</i>	<i>Amount</i>
<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	\$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 USAID HUMANITARIAN ASSISTANCE TO HAITI FOR CHOLERA</b>			<b>\$42,491,265</b>

<sup>1</sup> USAID/OFDA funding represents anticipated or actual obligated amounts as of January 21, 2011.

<sup>2</sup> USAID/Haiti has pre-existing, long-term health programs that have been an integral part of the cholera response; these programs have also continued normal activities. The USAID/Haiti funding levels represent estimated amounts for one month of FY 2010 resources expended on the cholera response. The funding is based on an estimate of the program spending rate and percentage of resources expended on the cholera response.

## 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/)