



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

Pakistan – Floods

Fact Sheet #16, Fiscal Year (FY) 2010

September 17, 2010

Note: The last fact sheet was dated September 14, 2010.

KEY DEVELOPMENTS

- On September 15, numerous breaches of Manchar Lake in Dadu District, Sindh Province, resulted in widespread flooding, affecting dozens of villages and submerging the Indus Highway in two locations. On September 17, the U.N. Office for the Coordination of Humanitarian Affairs (OCHA) reported that approximately 100,000 people affected by the overflowing lake remain in transit in an attempt to prevent being surrounded by floodwaters. The Government of Pakistan (GoP) military has initiated operations in newly flooded areas adjacent to Manchar Lake, utilizing five helicopters and approximately 50 inflatable boats. According to provincial authorities, displaced families are staying at camps in nearby towns; however, many people in affected areas have expressed reluctance to move to camps due to the inability to move and care for livestock.
- Local authorities continue to fortify protective embankments to prevent flooding in Bhan, a city of 250,000 people located to the north of Manchar Lake. According to OCHA, the GoP has completed construction of a culvert to channel water and link the lake to the Indus River to avoid additional flooding.
- On September 15, U.S. Special Representative to Afghanistan and Pakistan Ambassador Richard Holbrooke surveyed flood damage with the USAID Disaster Assistance Response Team (USAID/DART), visiting two displacement camps in Thatta District, Sindh Province. Ambassador Holbrooke also met with the chief minister of Sindh Province to discuss ongoing relief efforts, early recovery activities, and rehabilitation.
- On September 17, the U.N. released a revised Floods Emergency Response Plan. The plan calls for more than \$2.05 billion in funding, which includes nearly \$460 million in funding requirements from the initial flood response plan.
- In addition to more than \$269 million in humanitarian assistance to date, the U.S. has provided other civilian and military in-kind assistance, valued at approximately \$54 million,¹ in the form of halal meals, pre-fabricated steel bridges, other infrastructure support, and air support to and within Pakistan to transport goods and rescue people.

NUMBERS AT A GLANCE		SOURCE
Total Affected Population	20 million	OCHA – September 14
Estimated Deaths	1,781	NDMA ² – September 16
Houses Damaged or Destroyed	1,894,530	NDMA – September 16

FY 2010 HUMANITARIAN FUNDING TO DATE

USAID/OFDA Assistance to Pakistan	\$104,908,118
USAID/FFP ³ Assistance to Pakistan.....	\$53,391,166
USAID/Pakistan Assistance to Pakistan.....	\$12,000,000
USAID/Pakistan Early Recovery Assistance to Pakistan.....	\$50,000,000
State/PRM ⁴ Assistance to Pakistan.....	\$49,250,000
Total USAID and State Humanitarian Assistance to Pakistan.....	\$269,549,284

CONTEXT

- Heavy rainfall that began on July 22 and subsequent flooding in multiple regions of Pakistan have affected approximately 20 million people and resulted in nearly 1,800 deaths nationwide, according to the NDMA. In addition, the NDMA reports that floods have affected at least 79 of Pakistan’s 122 districts, and more than 12 million people require humanitarian assistance.
- On July 30, U.S. Ambassador to Pakistan Anne W. Patterson issued a disaster declaration in response to damage resulting from the floods.

Health

- In order to prevent the spread of waterborne disease in flood-affected areas, USAID/OFDA has fully or partly funded 43 fully operational diarrhea treatment centers. Additional centers become operational regularly. From

¹The figure will be adjusted as additional information becomes available and is not included in total USG humanitarian assistance figures.

² GoP National Disaster Management Authority (NDMA)

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

⁴ U.S. Department of State’s Bureau of Population, Refugees, and Migration (State/PRM)

September 4 to 10, the percentage of patients with acute watery diarrhea nationwide decreased from 13 to 12 percent compared to the previous week, and health authorities have reported no cholera outbreak to date.

- USAID/Pakistan has provided \$5.9 million to the U.N. World Health Organization (WHO) and the U.N. Children’s Fund (UNICEF) to support the GoP in conducting a polio and measles vaccination campaign in 77 flood-affected districts.
- To date, USAID/OFDA has provided nearly \$14 million to eight U.N., international, and non-governmental organizations (NGOs) for health services in flood-affected areas.

Water, Sanitation, and Hygiene (WASH)

- As of September 17, USAID/OFDA water treatment units were producing 800,000 liters of safe drinking water per day—providing approximately 160,000 people with an emergency ration of 5 liters of water each day. To date, USAID/OFDA water treatment units have produced a total of 14.4 million liters of safe drinking water. In addition, USAID/OFDA recently provided more than 15 million water purification tablets—sufficient to treat 150 million liters of water—for distribution in flood-affected areas.
- In addition to providing safe drinking water for flood-affected populations, USAID/OFDA continues to address emergency sanitation and hygiene needs. With USAID/OFDA funding, UNICEF is conducting hygiene education in displacement camps through a campaign that encourages the use of sanitary waste disposal and teaches flood survivors how to build latrines. To date, UNICEF has facilitated construction of more than 2,700 latrines, benefiting approximately 40,000 people. In addition, UNICEF will distribute 400,000 hygiene kits and three million bars of soap to complement hygiene education activities.
- USAID/OFDA has provided more than \$20.5 million to fourteen U.N. agencies, international organizations, and NGOs for WASH services in flood-affected areas, including tankering of potable water, chlorination of existing water sources, and repair or restoration of water infrastructure.

Shelter and Settlements

- On September 16, the International Organization for Migration (IOM) reported that the number of houses damaged or destroyed has stabilized as floodwaters have pushed through Sindh Province and into the Arabian Sea. However, IOM reports that not all 1.8 million displaced families require immediate shelter assistance, as many are residing with host families, in formal camps, or in spontaneous settlements. As camps close and people return home, an increasing number of families will require temporary shelter solutions. According to IOM, an estimated 19 percent of shelter needs in Punjab Province have been met, a significant increase from two weeks ago, primarily due to increasing operational capacity in parts of Punjab Province and the arrival of additional plastic sheeting and tents.
- The Shelter Cluster is developing recommendations for shelter designs during an early recovery phase, the USAID/DART reports. For people able to return home, shelter assistance will focus on providing sufficient materials to enable families to build one room in which the family can reside while the remainder of the house is rebuilt.
- With USAID/OFDA funding, IOM has procured and distributed 8,000 shelter kits in priority districts in Punjab Province. Shelter kits include plastic sheeting, blankets, kitchen sets, water containers, and buckets to provide temporary emergency shelter and privacy and allow families to cook food rations and collect water.
- To date, USAID/OFDA has committed more than \$17 million to 12 international organizations and NGOs to conduct shelter and settlement activities, such as procurement and distribution of shelter material. In addition, USAID/OFDA has provided more than 8,200 rolls of plastic sheeting—sufficient to provide emergency shelter materials for nearly 248,000 people.

Emergency Food Assistance

- Between September 1 and 17, the U.N. World Food Program (WFP) distributed more than 22,300 metric tons (MT) of one-month food rations to benefit nearly 1.7 million people in flood-affected areas. In August, WFP distributed more than 34,100 MT of one-month rations to benefit nearly 3 million people. To date, WFP has distributed nearly 56,500 MT of emergency food assistance to benefit flood-affected populations.
- To date, USAID/FFP has provided nearly \$53.4 million to support WFP’s monthly food ration distributions and food voucher distribution by two NGO grantees. USAID/FFP assistance includes support for local and regional food procurement.

Logistics and Relief Commodities

- In total, nineteen USAID/OFDA relief flights have delivered 58 inflatable rescue boats and 96 concrete-cutting saw kits for rescue teams, 13 water filtration units, 12 water storage bladders, nearly 209,000 ten-liter water containers, approximately 237,000 blankets, 15 million water purification tablets, and more than 8,200 rolls of plastic sheeting.
- Twenty-eight U.S. military helicopters, five C-130 planes, and two C-17 planes are conducting humanitarian relief operations in support of Pakistan, moving GoP, U.N., and other relief commodities to areas in need of assistance and transporting flood-affected individuals to safety. To date, the U.S. Department of Defense has transported more than 6.9 million pounds of humanitarian relief commodities and rescued more than 15,300 people.

Agriculture and Food Security

- According to OCHA, floods have killed up to 500,000 head of livestock and more than 720,000 small farm animals. The majority of livestock losses occurred in southern Pakistan, with an estimated 250,000 head of livestock lost in Sindh Province and 143,000 lost in Balochistan Province. Of particular concern is the loss of dairy cattle and water buffalo used for milk production.
- In coming weeks, the USAID/DART agriculture and food security advisor will work with other donors to identify and support critical programs to resume agricultural activities, restore or maintain the health of surviving livestock in flood-affected areas, and mitigate concerns of potential food insecurity due to populations' inability to plant the Rabi wheat crop, which is traditionally planted between September and November and harvested between April and June.
- USAID/Pakistan and USAID/OFDA have committed a total of \$21 million to provide seed and fertilizer to flood-affected farmers in Khyber Pakhtunkhwa (KPk) Province in order to help ensure a viable wheat crop this winter and prevent future food insecurity. The initiative, implemented by the U.N. Food and Agriculture Organization (FAO), will provide wheat seed, vegetable seed, and fertilizer packages to approximately 1.7 million people in 12 districts, particularly female-headed households, female farmers, and households with children under five years of age.

USAID AND STATE HUMANITARIAN ASSISTANCE TO PAKISTAN¹

FY 2010 - Pakistan Floods			
Implementing Partner	Activity	Location	Amount
USAID/OFDA ASSISTANCE			
Implementing Partners	Economic Recovery and Market Systems; Health; Logistics and Relief Commodities; Shelter and Settlements; WASH	KPk	\$9,286,018
Implementing Partner	Economic Recovery and Market Systems; WASH	Balochistan, KPk, Sindh	\$1,500,817
Implementing Partner	Logistics and Relief Commodities; Shelter and Settlements; WASH	KPk, Sindh	\$3,324,888
Implementing Partner	Logistics and Relief Commodities; Protection; Shelter and Settlements	Punjab, Sindh	\$2,347,743
Implementing Partner	Logistics and Relief Commodities; WASH	KPk, Punjab	\$1,260,899
Implementing Partner	Economic Recovery and Market Systems; Logistics and Relief Commodities; WASH	KPk, Punjab, Sindh	\$3,900,000
Implementing Partners	Economic Recovery and Market Systems; Health; Logistics and Relief Commodities; Shelter and Settlements; WASH	Punjab	\$9,280,096
Implementing Partner	Logistics and Relief Commodities; Shelter and Settlements; WASH	Balochistan, Punjab	\$2,324,487
Implementing Partner	Health; Logistics and Relief Commodities; Shelter and Settlements; WASH	Sindh	\$1,985,937
Implementing Partner	Economic Recovery and Market Systems; Logistics and Relief Commodities; Shelter and Settlements; WASH	Balochistan	\$2,456,720
Implementing Partner	Humanitarian Coordination and Information Management	Affected Areas	\$1,393,956
RAPID Fund for Local NGOs	Agriculture and Food Security; Economic Recovery and Market Systems; Health; Humanitarian Coordination and Information Management; Logistics and Relief Commodities; Nutrition; Protection; Shelter and Settlements; WASH	Affected Areas	\$2,750,000
International Federation of Red Cross and Red Crescent Societies (IFRC)	Agriculture and Food Security; Economic Recovery and Market Systems; Health; Shelter and Settlements; WASH	Affected Areas	\$9,000,000
IOM	Shelter and Settlements	KPk	\$2,000,000

IOM	Logistics	Affected Areas	\$1,315,000
IOM	Health; Logistics and Relief Commodities; WASH	Affected Areas	\$5,299,139
OCHA	Humanitarian Coordination and Information Management	Affected Areas	\$500,000
UNICEF	WASH	Affected Areas	\$9,000,000
UNICEF	Nutrition	AJK, KPk, Balochistan, Punjab, Sindh, Gilgit-Baltistan	\$3,000,000
FAO	Agriculture and Food Security	KPk	\$5,000,000
WFP	Logistics and Relief Commodities	Affected Areas	\$2,500,000
WFP	U.N. Humanitarian Air Service	Affected Areas	\$4,000,000
WHO	Health	Affected Areas	\$9,860,000
NDMA, KPk Provincial Disaster Management Authority (PDMA)	Commodity Flight #1: 2 water treatment units, 4 Zodiac boats	KPk	\$257,725
NDMA, KPk PDMA	Commodity Flight #2: 4 water treatment units, 14 inflatable rescue boats, 10 water bladders, 96 saws, 30 saw blades	KPk	\$745,977
NDMA, IOM	Commodity Flight #3: 1,153 rolls of plastic sheeting, 17,000 blankets	Sindh	\$692,795
NDMA, IOM	Commodity Flight #4: 240 rolls of plastic sheeting	Sindh	\$87,600
NDMA, IOM	Commodity Flight #5: 540 rolls of plastic sheeting	Sindh	\$197,100
NDMA, IOM	Commodity Flight #6: 530 rolls of plastic sheeting ²	Sindh	\$623,450
IOM	Commodity Flight #7: 1,600 rolls of plastic sheeting	Affected Areas	\$1,165,545
IOM	Commodity Flight #8: 1,000 rolls of plastic sheeting, 31,200 water containers	Affected Areas	\$511,500
IOM	Commodity Flight #9: 40 inflatable rescue boats	Affected Areas	\$998,400
IOM	Commodity Flight #10: 4 water treatment units	Affected Areas	\$220,000
IOM	Commodity Flight #11: 3 water treatment units ³	Affected Areas	\$362,000
IOM	Commodity Flight #12: 37,625 blankets, 81,550 water containers, 500 saw blades	Affected Areas	\$523,082
IOM	Commodity Flight #13: 1,600 rolls of plastic sheeting	Affected Areas	\$1,089,000
IOM	Commodity Flight #14: 53,905 blankets, 23,400 water containers	Affected Areas	\$404,349
IOM	Commodity Flight #15: 42,925 blankets, 23,400 water containers	Affected Areas	\$329,136
IOM	Commodity Flight #16: 42,925 blankets, 30,000 water containers	Affected Areas	\$339,036
IOM	Commodity Flight #17: 1,600 rolls of plastic sheeting	Affected Areas	\$1,165,000
IOM	Commodity Flight #18: 42,625 blankets, 19,200 water containers, 2 water bladders ⁴	Affected Areas	\$1,449,781
IOM	Commodity Flight #19: 15,008,000 water purification tablets	Affected Areas	\$245,700
	Administrative and Support Costs		\$215,242
TOTAL USAID/OFDA			\$104,908,118

USAID/FFP ASSISTANCE⁵			
WFP	60,135 MT of Local and Regional Food Procurement and 17,450 MT of P.L. 480 Title II Emergency Food Assistance	Affected Areas	\$47,467,215
Implementing Partner	Food Vouchers	Affected Areas	\$4,071,884
Implementing Partner	Food Vouchers	Affected Areas	\$1,852,067
TOTAL USAID/FFP			\$53,391,166
USAID/PAKISTAN ASSISTANCE			
Pakistan Poverty Alleviation Fund (PPAF)	Emergency Relief Supplies; WASH	Affected Areas	\$2,700,000
Rural Support Program Network (RSPN)	Emergency Relief Supplies; WASH	Affected Areas	\$2,300,000
IOM	Support to NDMA	Affected Areas	\$5,000,000
Implementing Partners	Electricity; GoP Flood Response Support; Relief Equipment; Short-Term Employment; Water	Affected Areas	\$1,903,753
TBD	Electricity; GoP Flood Response Support; Relief Equipment; Short-Term Employment; Water	Affected Areas	\$96,247
USAID/PAKISTAN			\$12,000,000
USAID/PAKISTAN EARLY RECOVERY ASSISTANCE			
Aga Khan University	Medical Teams and Medical Supplies	Affected Areas	\$6,300,000
WHO, UNICEF	Polio and Measles Vaccines	Affected Areas	\$5,900,000
U.N. Population Fund (UNFPA)	Reproductive Health Kits	Affected Areas	\$6,000,000
FAO	Agriculture and Food Security	KPk	\$16,000,000
IOM	Support to NDMA	Affected Areas	\$800,000
Small Grants Program	Education, Health, Community Development, Women's Rights, Minority Rights, Humanitarian Response	Affected Areas	\$5,000,000
UNICEF	WASH	Affected Areas	\$2,000,000
TBD	Early Recovery Activities	Affected Areas	\$8,000,000
USAID/PAKISTAN EARLY RECOVERY ASSISTANCE			\$50,000,000
STATE/PRM ASSISTANCE⁶			
Office of the U.N. High Commissioner for Refugees (UNHCR)	Emergency Relief Activities and Relief Supplies	Affected Areas	\$31,250,000
International Committee of the Red Cross (ICRC)	Emergency Relief Activities and Relief Supplies	Affected Areas	\$18,000,000
TOTAL STATE/PRM			\$49,250,000
TOTAL USAID ASSISTANCE IN FY 2010			\$220,299,284
TOTAL STATE/PRM			\$49,250,000
TOTAL USAID AND STATE ASSISTANCE IN FY 2010			\$269,549,284

¹ USAID/OFDA funding represents committed or obligated funds as of September 17, 2010; all other reported funding represents planned, committed, or obligated funds.

² Transportation costs for flights 4, 5, and 6 are included in the funding amount for flight 6.

³ Transportation costs for flights 10 and 11 are included in the funding amount for flight 11.

⁴ Transportation costs for flights 14, 15, 16, 18 are included in the funding amount for flight 18.

⁵ Estimated value of food assistance.

⁶ Represents \$11,250,000 obligated funds and \$20,000,000 planned funds for UNHCR and \$5,000,000 obligated funds and \$13,000,000 planned funds for ICRC.

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 flood response efforts in Pakistan can be found at www.interaction.org. Information on organizations responding to the humanitarian situation in Pakistan may be available at 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.
- The USAID/OFDA-funded Center for International Disaster Information (CIDI) aired two Public Service Announcements (PSAs) for international disasters 471 times on 31 different U.S. broadcast stations in the during August. The new CIDI PSAs are also airing on CNN, including CNN Airport and CNN Headline News. In addition, the PSAs were included on the National Association of Broadcasters (NAB) monthly feed on August 20, which will likely result in additional airings during September.
- More information can be found at:
 - USAID: <http://www.usaid.gov/pakistanflooding/>
 - The Center for International Disaster Information: www.cidi.org or (703) 276-1914
 - Information on relief activities of the humanitarian community can be found at www.reliefweb.int
- Secretary Clinton announced the establishment of the Pakistan Relief Fund. Created by the United States Government through the Department of State, the Fund serves as a mechanism for the public to contribute money to the ongoing efforts in Pakistan. More information on how to donate to the Pakistan Relief Fund can be found at: <http://www.state.gov/pakistanrelief/index.html>

USAID/OFDA bulletins appear on the USAID web site at http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/