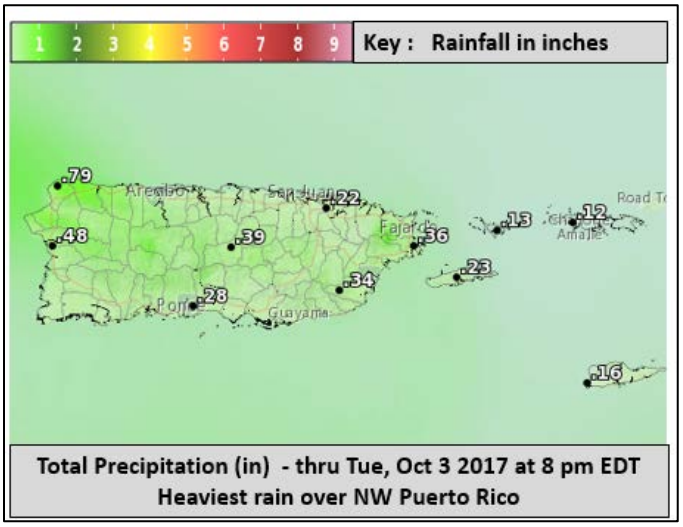
Senior Leadership Briefing and Recovery Snapshots
Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey

Monday, October 2, 2017 (5:00 a.m. EDT)

Updates in Blue

Current Situation:



Drier air pushes into the region today into Tuesday making for coverage of afternoon thunderstorm activity to be fairly limited, and mainly confined to sea-breeze activity (especially NW Puerto Rico). Additional moderate to heavy rainfall moves towards the Virgin Islands and Puerto Rico by Wednesday, with increasing rain chances and coverage expected through Friday.

Additional rainfall will continue to effect areas along the east coast of Florida where 6 to 10 inches of rain with locally higher amounts has already fallen the last 24 hours. Moderate to possibly major Tidal concerns will be an issue along the Southeast coast through Thursday. Heavy rain showers and embedded strong thunderstorms (with strong turbulence and wind shear), stretching from the eastern Gulf of Mexico to well east of Florida, could delay or divert aircraft flying to and from Puerto Rican theater from Atlanta, Miami and Houston. *(NOAA Update, October 2, 2017, 5:14 a.m. EDT)*

Impact Summary:

Population Impacts						
Territory	**Confirmed Fatalities**	**Shelters / Population***	**Customer Power Outages**	**Hospitals**	**Evacuations and Curfews**	**Other**
PR	PR Director of Public Safety confirmed 16 fatalities	Shelters: 145 (-1) Pop: 10,177 (+121)	5% (+1%) of customers have electricity Estimate 20% of transmission towers need to be replaced	Assessed 64 of 65 mainland hospitals; two still require assessment 14 (20%) hospitals back on electrical grid with intermittent generator support VA hospitals: one open, five open with walk-ins, three closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.; first responders and medical personnel exempt	58 of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	5 confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24 St. Croix: Shelters: Three Pop: 284	Percentage of customers that have electricity St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned St. Croix requested mobile medical facility equivalent to asset on St. Thomas (Area Medical Support Company); DOD working to fulfill request VA hospitals: All three closed	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed
As of:	*October 1 8:00 p.m. EDT*	*October 2 4: 05 a.m. EDT*	*October 1 12:00 p.m. EDT*	*October 1 8:14 p.m. EDT*	*October 1 10:00 p.m. EDT*	*October 1 1:47 p.m. EDT*

(ESF-5, ESF-6, Lista de Hospitales, ESF-7, ESF-8, ESF-12, ESF-15, OHA, PREMA, USVI/PR)

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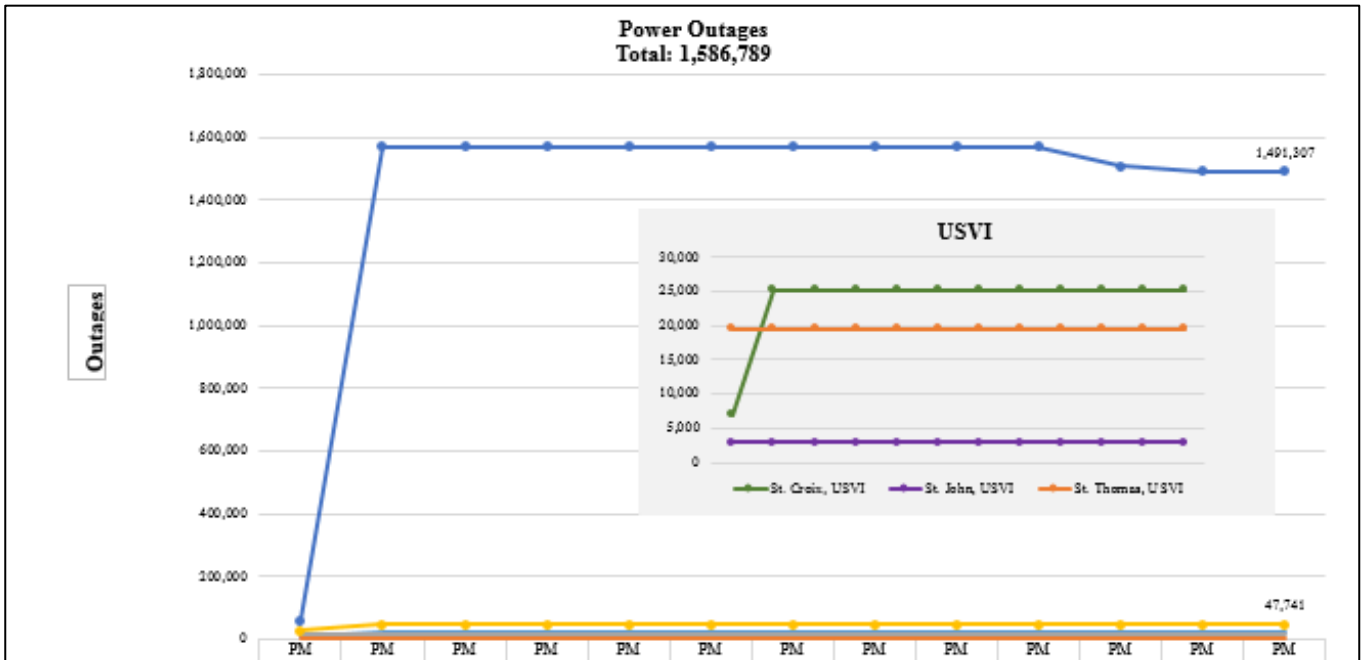
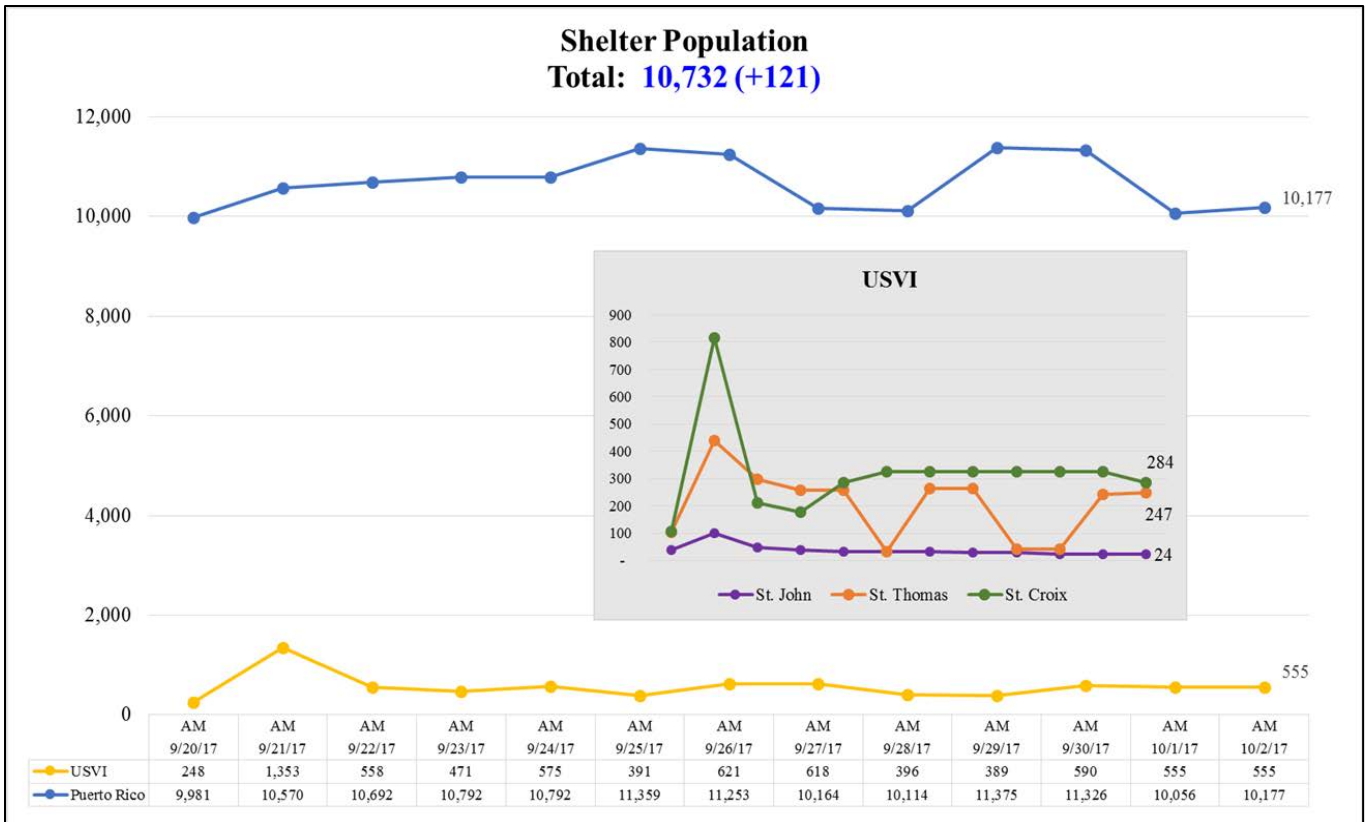


	PM 9/19/17	PM 9/20/17	PM 9/21/17	PM 9/22/17	PM 9/23/17	PM 9/24/17	PM 9/25/17	PM 9/26/17	PM 9/27/17	PM 9/28/17	PM 9/29/17	PM 9/30/17	PM 10/1/17
St. Croix, USVI	6,905	25,274	25,274	25,274	25,274	25,274	25,274	25,274	25,274	25,274	25,274	25,274	25,274
St. John, USVI	2,893	2,893	2,893	2,893	2,893	2,893	2,893	2,893	2,893	2,893	2,893	2,893	2,893
St. Thomas, USVI	19,574	19,574	19,574	19,574	19,574	19,574	19,574	19,574	19,574	19,574	19,574	19,574	19,574
USVI	29,372	47,741	47,741	47,741	47,741	47,741	47,741	47,741	47,741	47,741	47,741	47,741	47,741
Puerto Rico	61,308	1,570,000	1,569,796	1,569,796	1,569,796	1,569,796	1,569,796	1,569,796	1,569,796	1,569,796	1,507,004	1,491,307	1,491,307

*Due to ongoing restoration efforts, the USVI power numbers reflect initial outage reporting. Updates will be provided as they become available.

(ESF 12 Update, October 01, 2017, 1:53 p.m. EDT)



	AM 9/20/17	AM 9/21/17	AM 9/22/17	AM 9/23/17	AM 9/24/17	AM 9/25/17	AM 9/26/17	AM 9/27/17	AM 9/28/17	AM 9/29/17	AM 9/30/17	AM 10/1/17	AM 10/2/17
USVI	248	1,353	558	471	575	391	621	618	396	389	590	555	555
Puerto Rico	9,981	10,570	10,692	10,792	10,792	11,359	11,253	10,164	10,114	11,375	11,326	10,056	10,177

*Due to limited communications, there are delays in regular shelter reporting. Updates will be provided as they become available.

(ESF-6 Update, October 02, 2017, 4:00 a.m. EDT)

Infrastructure Impacts						
Territory	**Air**	**Ports**	**Roads**	**Fuel/Gas**	**Water**	**Communications**
PR	10 of 10 airports open San Juan Airport open for commercial flights	Four ports open: San Juan, Guayanilla, Salinas, Tallaboa Eight (+2) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, and Yabucoa. Two ports closed: Guanica (low priority) Roosevelt Roads (severe pier damage and debris)	15 roads open 3,209 (+1,284) public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)	721 of 1,100 retail gas stations operational	Boil Water Advisory for water issued island-wide Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown 50% of Puerto Rico Aqueduct and Sewer Authority (PRASA) clients have access to drinking water; (PRASA serves 96% PR pop)	11.3% of island with cell service; service around SJU airport restored Public Safety Answer Points (PSAPs)/911 centers operational
USVI	St. Thomas open and receiving commercial aircraft; must contact tower 20 minutes out St. Croix open under special conditions (military flights and air carriers with less than 35 pax)	St. Thomas Open: Charlotte Amalie, East Gregerie Channel, West Gregerie Channel (Crown Bay) Open with restrictions: Red Hook Bay St. John Open with restrictions: Cruz Bay St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay Closed: Christiansted	Numerous routes partially closed on St. Thomas and St. John. St. Croix: Most highways open with caution All traffic signals on St Thomas and St Croix completely destroyed	St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane	Boil Water Advisory for water territory-wide	29.2% (-1) cell phone coverage in USVI; PSAPs non-operational St. Thomas: 38% (-2) of 55 cell towers operational St. John: No cell towers operational St. Croix: 28.6% (+7.2) of 42 cell towers operational
As of:	*October 2 1:19 a.m. EDT*	*October 2 2:01 a.m. EDT*	*October 1 12:23 a.m. EDT*	*October 2 5:00 a.m. EDT*	*October 1 11:08 a.m. EDT*	*October 2 2:19 a.m. EDT*

(ESF-1, ESF-2, ESF-10, ESF-12, PRASA, USCG)

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	**Public Assistance**	**Cost Share**
PR	9/20: *DR-4339*	54 municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/10: *DR-4336*	12 municipalities	31 municipalities	75%
USVI	9/7: *DR-4335*	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/20: *DR-4340*	St. Croix, St. John, St. Thomas	All	75%

(FEMA Declarations Unit, September 30, 2017, 9:35 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF 6)	478	220	*	*	698
Army Corps of Engineers (ESF 3)	122	97	3	65	287
Civil Air Patrol (ESF 5)	61	*	*	*	61
Customs and Border Protection (ESF 5, 9 & 13)	86	5	0	5	96
Department of Agriculture (ESF 11)	1	0	0	0	1
Department of Defense Title 10*	3,330	*	*	*	3,330
Department of Energy (ESF 12)	2	1	0	28	31
Department of the Interior	251	21	45	0	317
Department of Transportation (ESF 1)	4	2	0	26	32
DHS – NPPD / Federal Protective Service	36	3	0	2	41
Environmental Protection Agency (ESF 10)*	21	27	0	0	48
Federal Law Enforcement (ESF 13)	345	5	0	0	350
FEMA Deployed	640	267	6	47	960
Urban Search & Rescue (ESF 9)	80	0	0	0	80
Forest Service (ESF 4)	218	20	0	26	264
General Services Administration (ESF 7)	17	0	0	0	17
Health and Human Services (ESF 8)	551	29	8	13	601
Veterans Affairs (ESF 8)	141	0	0	0	141
National Guard Bureau*	4,290	2,475	*	*	6,765
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF 6)	11	2	0	2	15
Transportation Security Administration (ESF 1)	109	5	0	5	119
United States Coast Guard (ESF 1, 5, 7, 9, 10, 13 & 15)*	1,402	*	*	*	1,402
TOTALS	12,226	3,179	62	219	15,686

** Notes: Civil Air Patrol flights supporting all USVI; DOD personnel numbers include personnel supporting from sea; Red Cross for St. Croix is for all of USVI, breakout unavailable (Situational Awareness Info Analysis, October 2, 2017, 4:30 a.m. EDT)*

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations
- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Initial Operating Facility (IOF)
- **Recovery**
  - Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 5,806 (+1,898) call center agents available to receive calls *(Recovery Contact Center Surge Staffing Timeline, October 1, 2017, 11:02 a.m. EDT)*
  - Total Individuals and Households Program Registrations for PR: 72,072 (+6,038) and USVI: 4,603 (+112) *(Open Disaster IA Summary, October 1, 2017, 3:07 p.m. EDT)*
- **Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	58 (+1)	17 (0)
II	USVI	30 (0)	13 (0)

(EMAC Sit Rep #78, October 1, 2017, 8:00 p.m. EDT)

FEMA Region II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations
- FEMA Region II IMAT in St. Croix; Eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR, en route to St. Croix *(FOD Update, October 2, 2017, 4:20 a.m. EDT)*
- Lease signed October 1 for Joint Field Office location at University of the Virgin Islands in St. Thomas, anticipate partial opening by October 3 *(GSA Update, October 1, 2017, 3:21 p.m. EDT)*
- **Puerto Rico:**
  - EOC at Full Activation with limited operations and on generator power
  - Federal Coordinating Officer (FCO) is Alejandro De La Campa *(RII DSAR, September 27, 2017, 3:00 p.m. EDT)*

- **U.S. Virgin Islands:**
  - EOCs on each island at Full Activation *(RII DSAR, September 27, 2017, 3:00 p.m. EDT)*
  - USVI IOF located at St. Thomas EOC
  - FCO is William Vogel *(RII DSAR, September 27, 2017, 3:00 p.m. EDT)*

Interagency Coordination for Puerto Rico:

- ***ESF-1: Transportation***
  - T.S. Empire State (600 beds) arrived in San Juan to provide responder berthing October 1 *(ESF-1 Update, October 2, 2017, 12:38 a.m. EDT)*
  - Airports:
    - Luis Muñoz Marín International Airport (SJU) in San Juan
      - 35 commercial departures and arrivals October 2 *(TSA SitRep, October 1, 2017, 7:00 p.m. EDT)*
      - Passenger throughput continues to increase; 6,060 outbound passengers processed September 30 *(ESF-1 Update, October 1, 2017, 1:50 p.m. EDT)*
  - Roads:
    - Starting October 2nd, U.S. Fish and Wildlife Service will use one fixed-wing aircraft to conduct transportation infrastructure overflights once daily *(DOI Update, October 1, 2017, 11:53 p.m. EDT)*
    - Major state roads continue to reopen without exception in both directions; PR-2 is open from Ponce to San Juan on western side of the island *(ESF-1 Update, October 1, 2017, 12:40 p.m. EDT)*
    - Twenty-six chainsaw teams (52 personnel) and one Type-2 Incident Management Team (IMT) (29 personnel) continue clearing roads to fire stations and other critical facilities, including three miles of road along PR-3 (PR-192 South to Humacao), four miles of road along PR-140 (Jayuya to Utuado), and entire road (two miles) to Federal Aviation Administration Doppler weather radar station *(ESF-4 Update, October 1, 2017, 12:40 p.m. EDT)*
    - Sixty-two private contractor work-crews performing debris-removal throughout the four regions and San Juan metro area
    - DOD completed seven road debris clearance missions to date including PR 31, PR 924, PR 60 and runway and taxiway clearance at Roosevelt Roads *(DoD Update, October 2, 2017, 1:00 a.m. EDT)*
  - Transit: Autoridad Metropolitana de Autobuses (AMA) has eight routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service *(ESF-1 Update, October 1, 2017, 2:02 p.m. EDT)*
- ***ESF-2: Communications***
  - 280 satellite phones arrived in PR September 30 (520 to date), being tested and distributed throughout PR *(ESF-2 Update, October 1, 2017, 10:09 p.m. EDT)*
  - MERS personnel continue to assess Land Mobile Radio (LMR) coverage to ensure all hospitals fall within coverage ranges; working to develop tracking by primary, alternate, contingency and emergency communications capabilities *(ESF-2 Update, October 1, 2017, 9:30 a.m. EDT)*
  - SMS text messaging available to Iridium satellite phones *(ESF-2 Update, October 1, 2017, 4:44 p.m. EDT)*
- ***ESF-3: Public Works and Engineering***
  - Temporary Power:
    - Completed 80 of 135 requested generator pre-installation inspections; 17 installations completed to date and 15 in progress at priority medical facilities and Roosevelt Roads Naval Base; 79 requested generators available on hand *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
    - Priorities for temporary power restoration are Mayaguez la Conception Medical Center, Bayamon Public Hospital and Hospital HIMA San Pablo Fajardo *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
    - Temporary power installations completed for PR Electric Authority Data Center, Centro Cardiovascular de PR y del Caribe, and Departamento Recreacion y Deportes *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
  - Dams:
    - Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage
      - Civil Air Patrol (CAP) completed 4 sorties October 1; focused on Guajataca dam from multiple angles and observed no changes to situation *(DoD Update, October 2, 2017, 1:00 a.m. EDT)*
      - Loading 900 super sandbags with gravel; additional 900 sandbags en route October 2

        - United States Marine Corps (USMC) rotary wing assets will begin placing concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2, pending power line removal by PREMA *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
    - Eleven of 17 priority dam inspections complete *(ESF-3 Update, October 1, 2017, 11:02 a.m. EDT)*
  - Temporary Roofing:
    - Current estimates: 60K roofs damaged
    - Collected 656 Right of Entry Agreements, assessed 26 homes
    - Task order issued to roofing contractor; will begin roofing after October 5 upon arrival of 10,000 rolls of sheeting (25,000 requested); priority is critical public facilities; additional tarps on order and will arrive throughout October *(ESF-3 Update, October 1, 2017, 11:02 a.m. EDT)*
  - Two USFWS fixed-wing aircraft arrived September 30; mission to provide infrastructure support for damaged facilities will start October 1; anticipate one rotary-wing aircraft will be available for deployment October 4 *(DOI Update, October 1, 2017, 1:30 a.m. EDT)*
- ***ESF-4: Firefighting***
  - Type 1 IMT (49 personnel) coordinating ISB establishment at Rafael Hernandez Airport to support commodity distribution *(ESF-4 Update, October 2, 2017, 12:04 a.m. EDT)*
  - One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; 76 of 95 fire stations assessed, all have some structural damage, limited communications, and staffing and fuel needs *(ESF-4 Update, October 1, 2017, 5:30 p.m. EDT)*
- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***
  - Feeding:
    - Salvation Army continuing feeding at seven sites, distributed 65,000 shelf stable meals to three cities; Salvation Army commodities beginning to arrive via air
    - American Red Cross distributed 13,800 bulk items October 1 (23,000 to date) *(ESF-6 Update, October 1, 2017, 1:14 p.m. EDT)*
  - Disaster Survivor Assistance (DSA) staff conducted Assess, Inform, and Report (AIR) missions in Barceloneta, Florida, Juan Diaz, Peneulas, Naranjito and Caguas *(ESF-6 Update, October 2, 2017, 1:17 a..m. EDT)*
- ***ESF-7: Logistics Management and Resource Support***
  - Incident Support Bases (ISBs):
    - Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port is open for operations with sea port restrictions; Aguadilla contract signed October 1; ESF-4 Type-1 IMT (49 personnel) completed preparations for billeting and Resource Staging Areas (RSAs) at Rafael Hernandez Airport *(ESF-7 Update, October 1, 2017, 3:11 p.m. EDT)*
    - Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*
  - Commodities:
    - DLA now sourcing a total of 334 (+30) generators to support USVI/PR needs *(ESF-7 Update, October 1, 2017, 3:20 p.m. EDT)*
    - 600K tarps on order; 124K will arrive by end of October on following delivery schedule:
      - October 6: 4K
      - October 20: 60K
      - October 27: 60K *(ESF-3 Update, October 1, 2017, 11:02 a.m. EDT)*
    - Puerto Rico National Guard armories will convert 12 facilities to serve as additional Resource Staging Areas (RSAs) for food and water for a total of 23 RSAs *(NGB Update, October 1, 2017, 2:19 p.m. EDT)*
    - Flights into Puerto Rico October 2: 15 flights transporting 136,000 liters of water, 230,000 meals, personnel, 12 black hawk helicopters, 900 sandbags, and a VA Mobile Medical unit *(MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)*
    - Ships into Puerto Rico:
      - Buoy tender Elm and USCG Cutter Venturous delivered 3000 gallons of potable water, seven pallets of bottled water, 12 pallets of MREs and 3800 gallons of diesel fuel to Vieques *(USCG Update, October 1, 2017, 1:58 p.m. EDT)*

- El Rey transporting 756,000 liters of water, 694,000 meals, and four generators; expected to arrive and unload October 2 *(ESF-7 Update, October 1, 2017, 7:16 p.m. EDT)*
- Seven DOD vessels scheduled to arrive in PR by October 5 with 3.5 million liters of water, 5.5 million meals, four generators, and 11,500 rolls of blue roof sheeting *(DOD Update, September 30, 2017, 12:35 p.m.)*

- Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	900	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	600		
La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
			PR TOTAL:	**6,726**	**1,516**	**-16**

(Responder Lodging CAP Update, October 1, 2017, 4:00 p.m. EDT)

  - USCG completed inspection of La Suprema; will arrive in PR October 4; inspectors en route to complete inspections of contract ships Rhapsody and Adrianna *(USCG Update, October 1, 2017, 1:58 p.m. EDT)*

- ***ESF-8: Public Health and Medical Services***
  - Hospitals:
    - Power restored to fourteen (20%) hospitals (back on electrical grid), unconfirmed whether hospitals still require generator power *(ESF-8 Update, October 1, 2017, 1:56 p.m. EDT)*
    - Frensenius Kidney Care reports 3,431 of 3,483 patients accounted for and receiving treatment
    - Oxygen shortfall in PR, solutions include flying in liquid oxygen and sourcing six-megawatt generator for private facility
    - HHS Air Tasking Order missions are continuing search and rescue in Utuado district on October 1 *(ESF-8 Update, October 1, 2017, 7:00 a.m. EDT)*
  - Dialysis Centers:
    - 46 of 48 open, 44 are fully operational, two are partially operational, two closed
    - FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics *(ESF-8 Update, October 1, 2017, 7:00 a.m. EDT)*
  - USNS Comfort is expected to arrive October 4 with 522 medical personnel and support staff; medical care capabilities include general practice, family medicine nephrology, and pediatrics; the ship is capable of servicing 200 patients per day *(DoD Update, October 2, 2017, 1:00 a.m. EDT)*
  - Four boxes of platelets and one box of red blood cells expected to arrive in San Juan October 2 *(ESF-8 Update, October 2, 2017, 1:49 a.m. EDT)*
  - ESF-4 reassigning Type-2 IMT Parrish (26 personnel) from St. Thomas to PR to support commodity distribution to hospitals *(ESF-4 Update, October 1, 2017, 12:21 a.m. EDT)*
- ***ESF-9: Search and Rescue***
  - Two FEMA Urban Search and Rescue (US&R) task forces (80 personnel) active in Puerto Rico *(ESF-9 Update, October 1, 2017, 11:04 a.m. EDT)*
- ***ESF-11: Agriculture and Natural Resources***
  - HSUS evacuated 259 animals to date; additional animal evacuations planned throughout this coming week
  - Thirteen of 84 Food Safety Inspection Service regulated facilities open but not operational due to power outage and lack of potable water *(ESF-11 Update, October 1, 2017, 1:50 p.m. EDT)*
- ***ESF-12: Energy***
  - Power: DOE, FEMA, and DLA working to facilitate fuel and conducting restoration plans for critical facilities and emergency response *(DOE SitRep #69, October 1, 2017, 12:00 p.m. EDT)*
- ***ESF-13: Public Safety and Security***
  - Four additional quick response teams (QRTs) (25 personnel each) arriving October 4 *(ESF-13 Update, October 1, 2017, 5:33 p.m. EDT)*
  - Federal Protective Service (FPS) personnel conducting site security assessments at the severely damaged Hato Rey Federal Complex; 38 additional FPS personnel expected to arrive October 2 to support security at Disaster Recovery Centers *(FPS Update, October 1, 2017, 1:22 p.m. EDT)*

- ***ESF-15: External Affairs***
  - Coordinating with White House on outreach call to PR mayors scheduled October 2; meeting with mayors at the Joint Field Office scheduled October 4
  - Developed a plan to leverage Coca-Cola's truck fleet for distribution of medical supplies from UPS and FedEx
    - Private Sector Status:
      - Walmart: 27 of 46 stores open
      - Walgreens: 76 sites open and operating on a modified basis, 45 sites closed
      - CVS: 20 of 25 retail stores/pharmacies open
      - Crowley: Shipping capacity at 50%
      - Banco Popular: 15% of ATMs functional with cash *(ESF-15 Update, October 1, 2017, 10:00 p.m. EDT)*
- ***U.S. Department of Defense (DOD)***
  - USS WASP, USS KEARSARGE, and USS OAK HILL providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support
  - Strategic airlift in support of FEMA's response operations:
    - Six C-5, nine C-17s, and three C-130s arrived on October 1
    - Six C-5s, four C-17s, and one C-130 planned for October 2 *(DoD Update, October 2, 2017, 1:00 a.m. EDT)*
- ***National Guard Bureau (NGB)***
  - Coordinating to source additional water purification, route clearance, and security capabilities from CONUS states; most contributing states have EMACs in place and are awaiting movements of their units; 9 of 10 rotary-wing aircraft are full mission-capable *(NGB Update, October 1, 2017, 10:00 p.m. EDT)*
  - PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals
  - Coordinating movement of approximately 1,700 personnel through October 3, with as many as 6,000 personnel postured to respond to PR requests, pending flight availability *(NGB Update, October 1, 12:23 p.m. EDT)*
- ***U.S. Department of the Interior (DOI)***
  - U.S. Fish and Wildlife Service (USFWS) supporting DOI mission to include supplies and reconstruction of DOI facilities *(DOI Update, October 1, 2017, 11:53 p.m. EDT)*

Interagency Coordination for U.S. Virgin Islands:

- ***ESF-1: Transportation***
  - All traffic signals on St. Thomas and St. Croix completely destroyed; new system will be necessary *(ESF-1 Update, October 1, 2017, 4:00 p.m. EDT)*
  - Airports:
    - St. Thomas: Limited commercial air operations; inter-island commercial flights resumed September 30 *(ESF-1 Update, October 1, 2017, 2:02 p.m. EDT)*
      - Four commercial departures and arrivals per day *(TSA SitRep, October 1, 2017, 9:26 p.m. EDT)*
      - Lack of local personnel to load/unload commercial aircraft may impact continuing commercial flights into St. Thomas; U.S. Air Force no longer able to augment capability *(USVI SitRep, October 1, 2017, 10:09 p.m. EDT)*
    - St. Croix: Henry E. Rohlsen Airport in St. Croix (STX) open with restricted operations; military/humanitarian flights and air carriers with less than 35 passengers only *(ESF-1 Update, October 2, 2017, 12:48 a.m. EDT)*
  - Roads:
    - All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines *(ESF-1 Update, October 1, 2017, 6:03 p.m. EDT)*
    - St. John: National Park Service (NPS) reports that 75% of roads assessed (three of four main roads) are mostly clear, allowing for passage of at least one lane *(ESF-1 Update, October 1, 2017, 12:09 p.m. EDT)*
    - Mahagony Road is impassible; Mahagony Road and Bridges still need to be assessed *(ESF-1 Update, October 1, 2017, 2:21 p.m. EDT)*
  - Ports: NOAA vessel Thomas Jefferson completed channel survey on October 1; USCG cutter Cypress assessed and corrected aids to navigation (ATON) *(USCG Update, October 1, 2017, 6:00 p.m. EDT)*

- ***ESF-2: Communications***
  - FEMA executed a contract with HughesNet to provide voice and data via satellite services for the islands *(USVI SITREP #16/#009, October 1, 2017, 10:09 p.m. EDT)*
  - SMS text messaging available to Iridium Satellite Phones *(ESF-2 Update, October 1, 2017, 4:44 p.m. EDT)*
- ***ESF-3: Public Works and Engineering***
  - Temporary Power:
    - Completed 129 of 155 requested pre-installation inspections; 23 generators installed to date and 6 more in progress; 55 generators available on hand
    - Generators being installed at Golden Grove Prison *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
  - Employed Very Small Aperture Terminal (VSAT) at VITEMA, satellite communications system that serves home and business users, on St. Croix October 1; expected to significantly improve USACE communications *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
  - Debris:
    - St. Thomas: USACE estimates debris volume at 355,000 cubic yards; debris removal operations to begin October 2
    - St. Croix: Estimated 1,500 cubic yards debris collected by Department of Public Works and sub-contractors to date
    - St. John: USACE estimates debris volume at 33,000 cubic yards; debris removal operations to begin October 8
  - Temporary Roofing
    - Current blue roof estimates: St. Croix: 5,000, St. Thomas: 7,000, and St. John: 1,000
    - Assessed 128 homes, installed 43 roofs; collected 1,340 Right of Entry Agreements *(ESF-3 Update, October 2, 2017, 1:47 a.m. EDT)*
- ***ESF-4: Firefighting***
  - Type 2 IMT (20 personnel) assigned to logistical commodity distribution (MRE's, water, and other food) in St. Croix; waiting lease of warehouse near airport; ships on port providing lodging and food for IMT personnel *(ESF-4 Update, October 2, 2017, 12:04 a.m. EDT)*
- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***
  - Feeding
    - 4,000 infant and toddler supplies scheduled to arrive October 4
- ***ESF-7: Logistics Management and Resource Support***
  - Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots *(ESF-7 Update, September 29, 2017, 2:46 p.m. EDT)*
  - Commodities:
    - Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix on October 2 *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*
    - Vehicles: GSA working to secure an agreement with Hertz to source 58 vehicles for shipment to St. Thomas *(GSA Update, October 1, 2017, 1:19 p.m. EDT)*
    - Generators: DLA now sourcing a total of 334 (+30) generators to support USVI/PR needs; ESF-7 working logistics of getting generator needs to St. Croix and St. John (*ESF-7 Update, October 1, 2017, 3:20 p.m. EDT)*
    - ESF-4 Type-2 IMT Parrish assigned to commodity distribution on St. Thomas; will manage LSA at Haven-site dock; GSA contract for LSA warehouse not yet finalized; estimated completion October 3 *(ESF-4 Update, September 30, 2017, 2:23 p.m. EDT)*
    - Flights into USVI October 2:
      - St. Thomas: One flight transporting 40,000 meals
      - St. Croix: Six flights transporting 80,000 meals, 30 generators, medical supplies and personnel *(MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)*
      - Ships into Puerto Rico: USCG Cutter Winslow Griesser transferred four cases of prescription medication from St. Thomas to St. Croix *(USCG Update, October 1, 2017, 1:58 p.m. EDT)*

- Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,137 (+227)	563
SS Wright	Operational	USVI: St. Thomas	Arrived	315	180 (+23)	135
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	52 (+3)	144
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		
Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
			TOTAL:	**4,142**	**1,116**	**1,369**

(Responder Lodging CAP Update, October 1, 2017, 4:00 p.m. EDT)

  - USCG must inspect Azzure before it can accept responders for berthing; inspectors en route *(USCG Update, October 1, 2017, 1:58 p.m. EDT)*

- ***ESF-8: Public Health and Medical Services***
  - Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 *(ESF-15 Update, October 1, 2017, 10:00 p.m. EDT)*
  - 65 dialysis patients that were evacuated from USVI to Florida prior to Hurricane Maria making landfall relocated to Atlanta, GA October 1 *(ESF-8 Update, October 2, 2017, 1:49 a.m. EDT)*
    - FEMA connected Safety Net Hospital Alliance of Florida with HHS regarding transfer and evacuation protocols in the state of Florida *(ESF-15 Update, October 1, 2017, 10:00 p.m. EDT)*
- ***ESF-10: Oil and Hazardous Material Response***
  - Environmental Protection Agency and USVI Department of Planning and Natural Resources (DPNR) drinking water teams assessed 101 of 161 total (62%) public water systems in St. Croix and tested the 66 that were still functional; of 26 testing positive for E. Coli, 11 were disinfected or otherwise brought back into compliance, remaining 15 require follow-up from DPNR and EPA *(ESF-10 Update, October 1, 11:24 a.m. EDT)*
- ***ESF-11: Agriculture and Natural Resources***
  - Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water *(ESF-11 Update, October 1, 2017, 1:50 p.m. EDT)*
- ***ESF-12: Energy***
  - 45 mutual aid workers from New England public Power Utilities and 210 contractors will travel by commercial air week of October 1 to support restoration efforts on St. Thomas and St. Croix, date to be determined *(ESF-12 Update, October 1, 2017, 4:00 p.m.)*
  - No fuel supply shortages on St. Thomas or St. John *(DOE SitRep #69, October 1, 2017, 12:00 p.m. EDT)*
  - DLA shipment of approximately 15,000 gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed *(DLA Update, October 2, 2017, 5:00 a.m.)*
- ***U.S. Department of Defense (DOD)***
  - U.S. Transportation Command (USTRANSCOM): Three C-17s and six C-130s arrived October 1 with water, meals, communication support, High Mobility Multi-Wheeled Vehicles with generators, helicopters, and infant and toddler kits
  - Defense Logistics Agency (DLA):
    - Working requirement for up to 200,000 water jugs and researching requirement for additional four water pumps *(DoD Update, October 1, 2017, 2:06 a.m. EDT)*
    - Received requirement for 30 additional generators for St Thomas, VI *(DoD Update, October 2, 2017, 1:00 a.m. EDT)*
- ***National Guard Bureau (NGB)***
  - Eight of ten rotary wing aircraft are fully mission-capable; 2 HH-60 MEDVAC aircraft from VT arrived September 30th and will assume recovery mission once flight tested (*NGB Update, October 1, 2017, 10:00 p.m. EDT)*
- ***U.S. Department of the Interior (DOI)***
  - Motor Vessel Fort Jefferson en route from PR to St. John October 1, transporting supplies and displaced staff; will disembark National Park Service Law Enforcement Special Event Tactical Team to relieve current team before continuing to St. Croix October 2 *(DOI Update, October 1, 2017, 1:45 p.m. EDT)*
  - National Park Service: Virgin Island National Park (St. John) 400 foot pier assessed October 1; due to debris and sediment additional assessment needed before placing a hoteling barge at the dock *(DOI Update, October 1, 2017, 11:53 p.m. EDT)*

- ***U.S. Department of State (DoS)***
  - Two-man advance Denmark Emergency Management Agency team arriving in St. Croix October 2, will collaborate with FEMA to better understand current situation and match capabilities offer by Denmark against requirements on the ground *(FEMA International Affairs update, October 2, 2017)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Qty			
	Meals	**Tarps**	**Water**
St. Thomas	3,436,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000
USVI Total	**4,175,745**	**25,485**	**2,267,213**

(ESF-7 Update, October 1, 2017 1:30 p.m. EDT)

Total Arrived Qty					
	Meals	**Tarps**	**Water**	**Generator**	**Cots**
PR	4,386,230	5,000	4,614,714	82	22,202

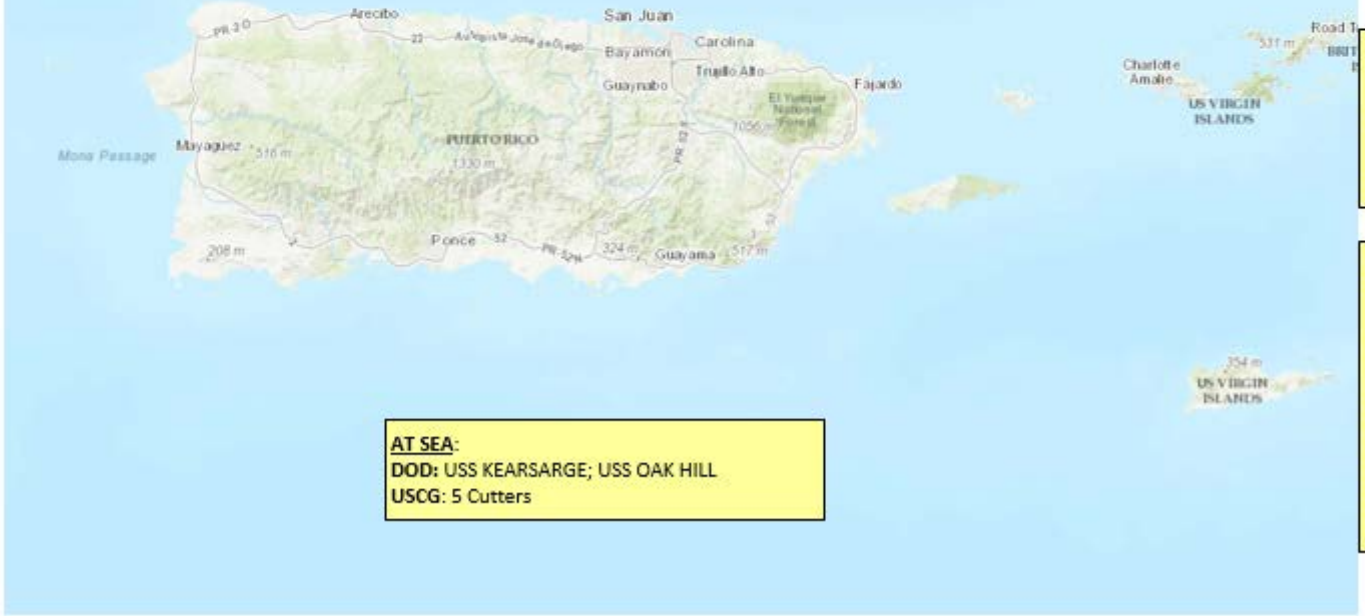
(ESF-7 Update, October 1, 2017 1:30 p.m. EDT)

Maria Force Laydown

As of October 02, 2017 05:00 a.m. EDT

Puerto Rico:
FEMA: N-IMAT-E2
ESF-1: TS KENNEDY; TS Empire State
ESF-2: MERS; MEOV 32
ESF-3: Roofing Teams; Power & Debris PRTs; 249th
ESF-4: Type 1 IMT; 2 Type 2 IMT w/ 26 Saw Teams
ESF-8: SAT; 11 DMAT; CDC; APHT; DMORT; HMTF; MHT
ESF-9: IST; 2 Type 4 US&R
ESF-12: IMAT Support

ESF-13: QRTs
CAP: Aerial Support
CBP: SRT
USCG: IMAT; NSF; 9 Cutters
DOD: DCE
VA: 2 Mobile Medical Teams



AT SEA:
DOD: USS KEARSARGE; USS OAK HILL
USCG: 5 Cutters

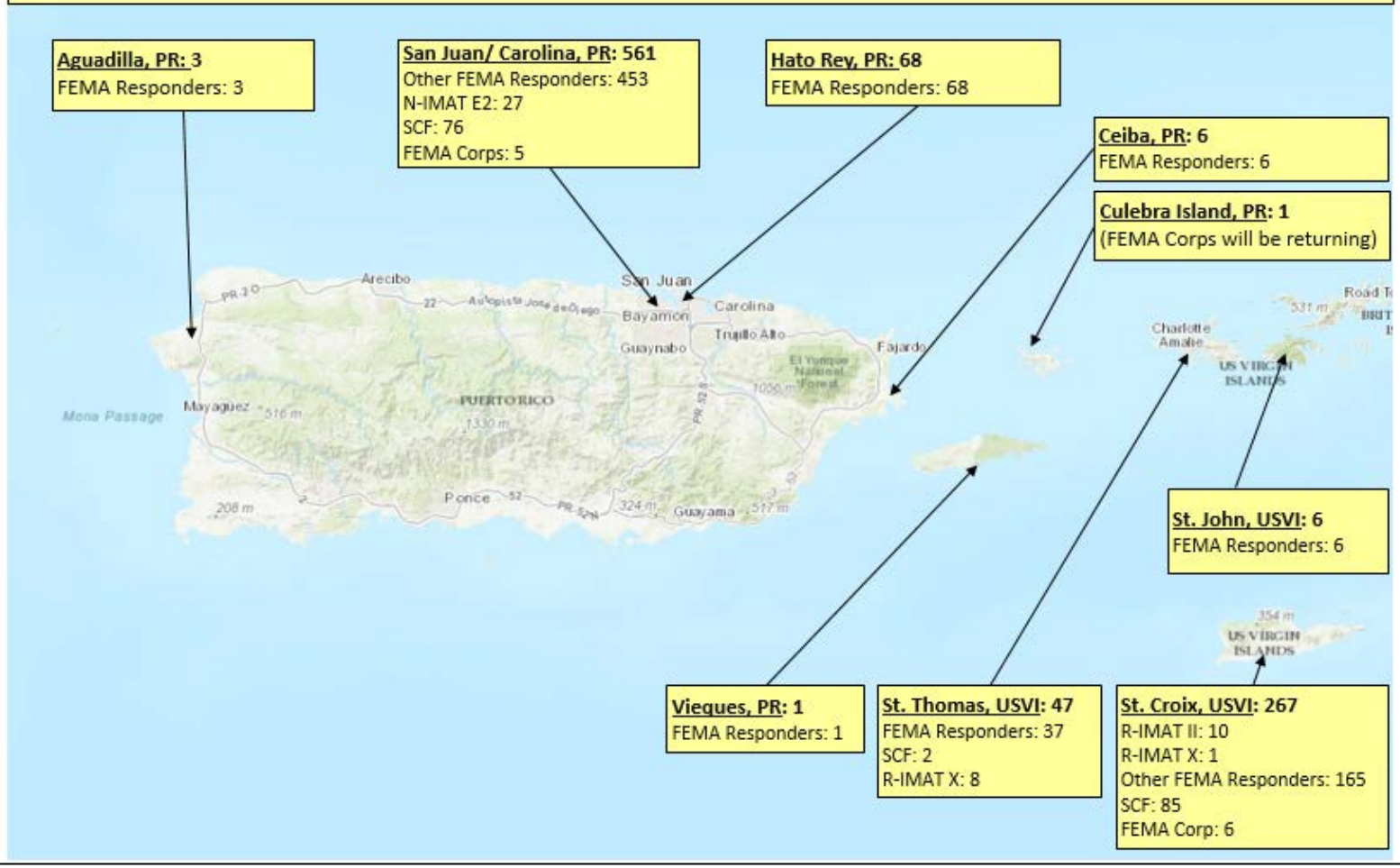
St. Thomas:
FEMA: 1 RX-IMAT
ESF-1: SS Wright
ESF-2: MERS
ESF-3: Roofing Teams; Power & Debris PRT; 249th
ESF-4: Type 2 IMT
ESF-8: HMTF
ESF-12: IMAT Support; Power Restoration Team
CBP: SRT; OIT
DOD: DCE; ASMC; GST; CAISE
USCG: NSF, 1 Cutter

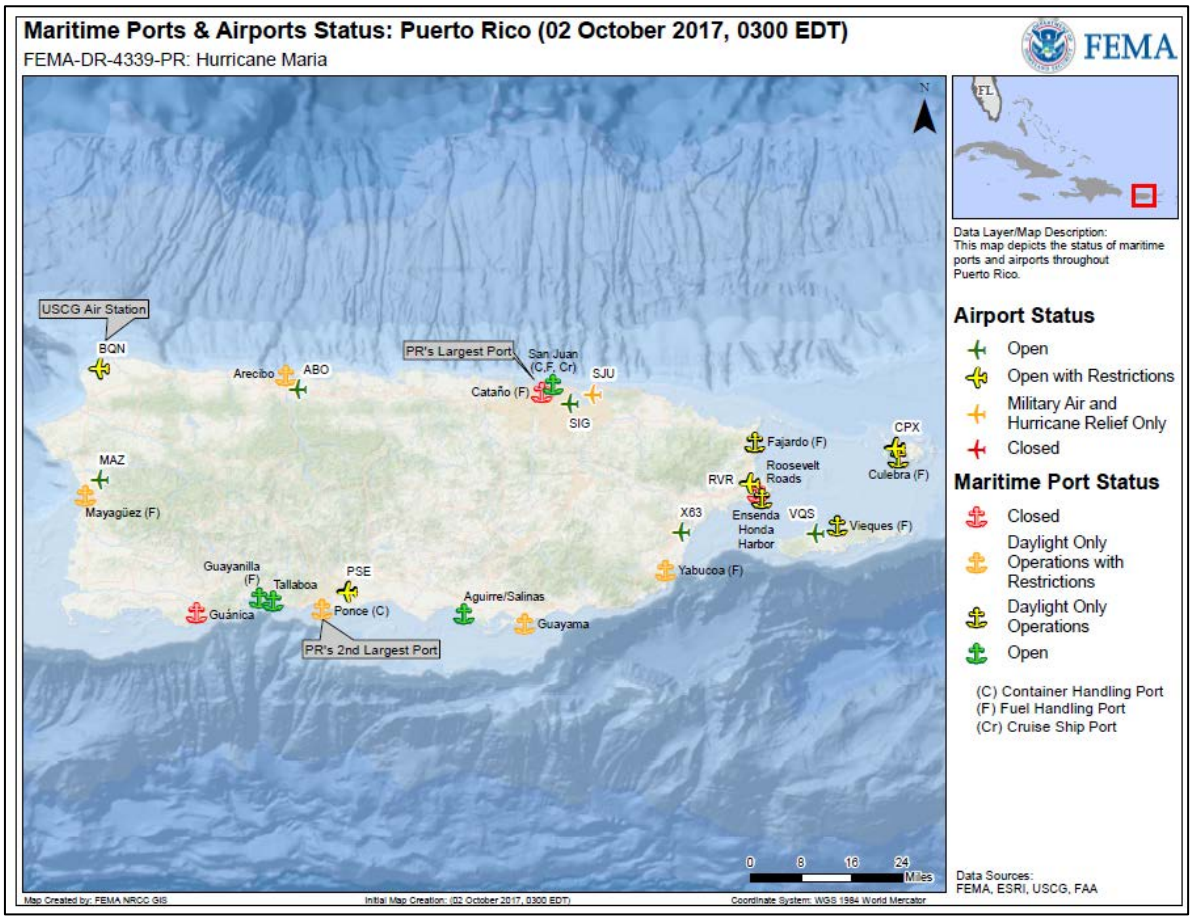
St. John:
ESF-2: MERS
ESF-3: 249th
ESF-8: HMTF
DOD: Medical Detachment Team
CAP: Aerial Support

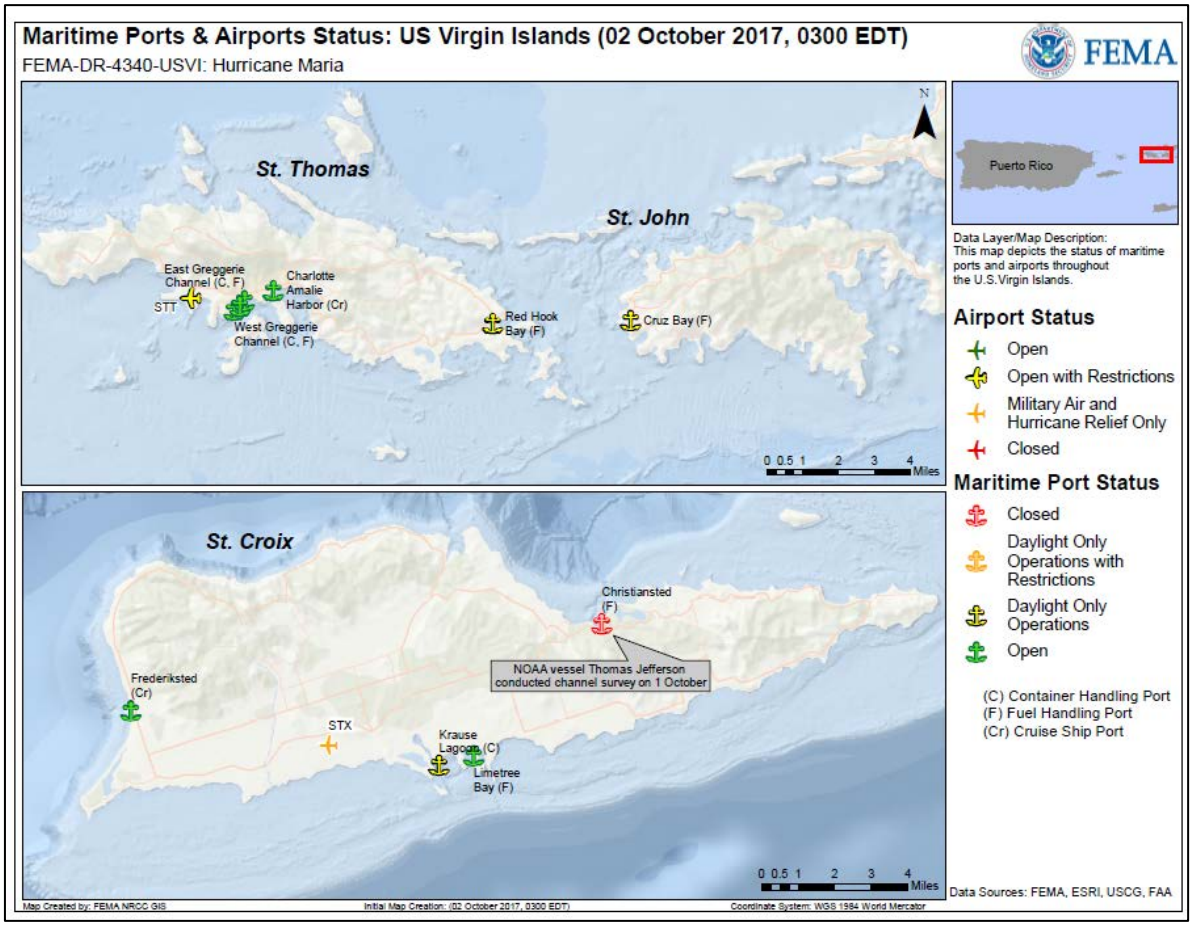
St. Croix/Christiansted:
FEMA: 2 RII-IMAT & RX-IMAT
ESF-2: MERS; MEOV 51
ESF-3: Roofing Teams; Power & Debris PRT; 249th
ESF-4: Type 2 IMT
ESF-8: CDC, HMTF, DMAT
ESF-12: IMAT Support
CBR: SRT; OIT
DOD: DCE; CAISE
USCG: NSF, 2 Cutters

Hurricane Irma/Maria – FEMA Responder Laydown *(As of October 2, 2017 2:00AM EDT)*

Total FEMA Supporting Hurricane Irma/Maria Actions on Puerto Rico and US Virgin Islands: Responders on the Ground: **960**



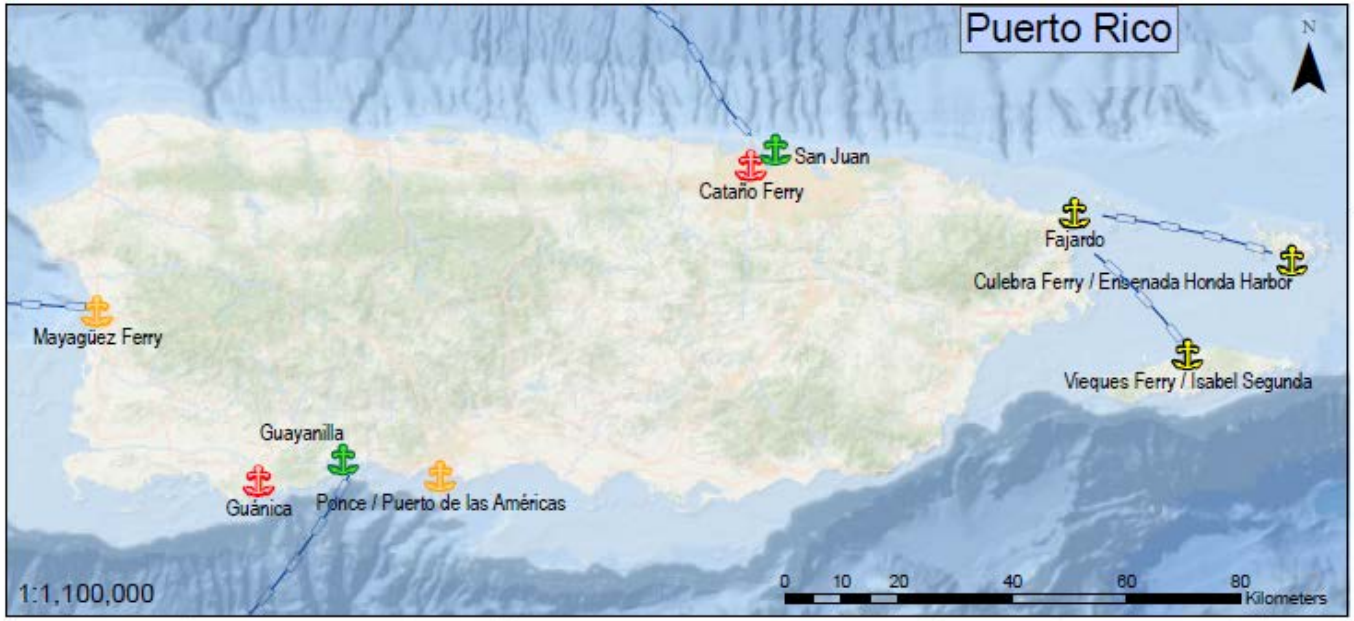

Maritime Ports & Airports Status: Puerto Rico (02 October 2017, 0300 EDT)
FEMA-DR-4339-PR: Hurricane Maria
FEMA
USCG Air Station
BQN
Arecibo
ABO
PR's Largest Port
San Juan (C,F, Cr)
SJU
Cataño (F)
SIG
MAZ
Mayagüez (F)
Fajardo (F)
CPX
Culebra (F)
Roosevelt Roads
RVR
X63
Ensenda Honda Harbor
VQS
Vieques (F)
Yabucoa (F)
Guayanilla (F)
Tallaboa
PSE
Guánica
Ponce (C)
PR's 2nd Largest Port
Aguirre/Salinas
Guayama
0 8 16 24 Miles
FL
Data Layer/Map Description:
This map depicts the status of maritime ports and airports throughout Puerto Rico.
Airport Status
Open
Open with Restrictions
Military Air and Hurricane Relief Only
Closed
Maritime Port Status
Closed
Daylight Only Operations with Restrictions
Daylight Only Operations
Open
(C) Container Handling Port
(F) Fuel Handling Port
(Cr) Cruise Ship Port
Data Sources:
FEMA, ESRI, USCG, FAA
Map Created by: FEMA NRCC GIS
Initial Map Creation: (02 October 2017, 0300 EDT)
Coordinate System: WGS 1984 World Mercator

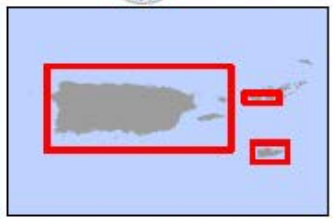

Maritime Ports & Airports Status: US Virgin Islands (02 October 2017, 0300 EDT)
FEMA-DR-4340-USVI: Hurricane Maria
FEMA
St. Thomas
St. John
East Greggerie Channel (C, F)
STT
Charlotte Amalie Harbor (Cr)
West Greggerie Channel (C, F)
Red Hook Bay (F)
Cruz Bay (F)
0 0.5 1 2 3 4 Miles
St. Croix
Christiansted (F)
NOAA vessel Thomas Jefferson conducted channel survey on 1 October
Frederiksted (Cr)
STX
Krause Lagoon (C)
Limetree Bay (F)
0 0.5 1 2 3 4 Miles
Puerto Rico
Data Layer/Map Description:
This map depicts the status of maritime ports and airports throughout the U.S.Virgin Islands.
Airport Status
Open
Open with Restrictions
Military Air and Hurricane Relief Only
Closed
Maritime Port Status
Closed
Daylight Only Operations with Restrictions
Daylight Only Operations
Open
(C) Container Handling Port
(F) Fuel Handling Port
(Cr) Cruise Ship Port
Data Sources: FEMA, ESRI, USCG, FAA
Map Created by: FEMA NRCC GIS
Initial Map Creation: (02 October 2017, 0300 EDT)
Coordinate System: WGS 1984 World Mercator

Maritime Port Status shown with Known Ferry Line Status: PR and USVI (01 October 2017, 1700 EDT)

Hurricane MARIA: FEMA-DR-4340-USVI & FEMA-DR-4339-PR

FEMA





Data Layer/Map Description: This map depicts the status of ferry ports throughout Puerto Rico & the U.S.Virgin Islands. Port status does not equate to ferry line status. Closed ports are assumed to not run ferry service.

Ferry Port Status

- Closed
- Daylight Only Operations with Draft Restrictions
- Daylight Only Operations
- Open
- Normal Ferry Routes

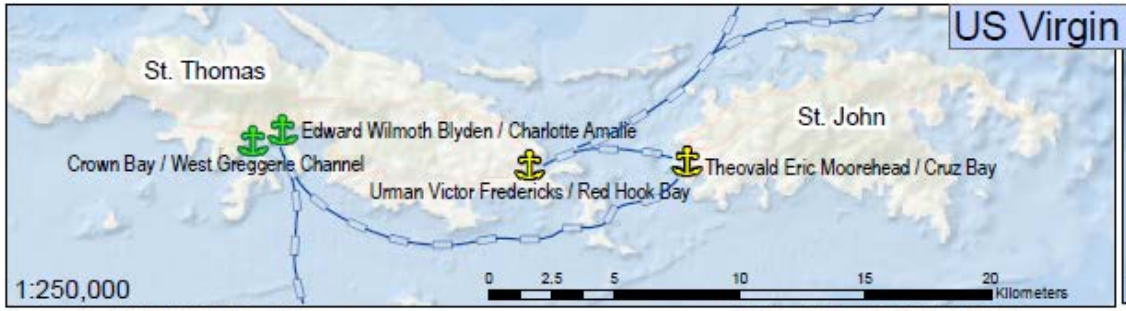
Ferry line routes are representative approximations, only. Information about ferry line status was collected online from commercial websites. These can not be confirmed at this time. This information is for planning purposes only.

Ferry Location	Ferry Destination		Status
Cruz Bay, STJ	Red Hook	STT	running
Charlotte Amalie, STT	Cruz Bay	STJ	running
	Tortola	BVI	running
	Frenchman's Reef	STT	running
	Virgin Gorda	BVI	running
	Christiansted	STC	running
	Farjardo	PR	not listed
Red Hook Bay, STT	Cruz Bay - Car	STJ	running
	Cruz Bay - Passenger	STJ	running

Red Hook Bay, STT	Virgin Gorda	BVI	running
	Jost Van Dyke	BVI	running
	Anegada	BVI	running
Crown Bay, STT	Water Island	STT	running
Christiansted, STC	Charlotte Amalie	STT	running
Culebra, PR	Fajardo	PR	unknown
Vieques, PR	Fajardo	PR	unknown
Farjardo, PR	Charlotte Amalie	STT	unknown
	Vieques	PR	unknown
	Culebra	PR	unknown

Farjardo, PR	Palomino	PR	unknown
Catano, PR	Old San Juan	PR	unknown
Guanica, PR	Cayo Aurora	PR	closed
Guayanilla, PR	Punta Cana	DR	unknown
Ponce, PR	Isle Caja de Muertos	PR	unknown
Mayaguez, PR	Santo Domingo	DR	unknown
San Juan, PR	Santo Domingo	DR	unknown
	San Juan Chateau	PR	unknown
	Catano Pueblo	PR	closed

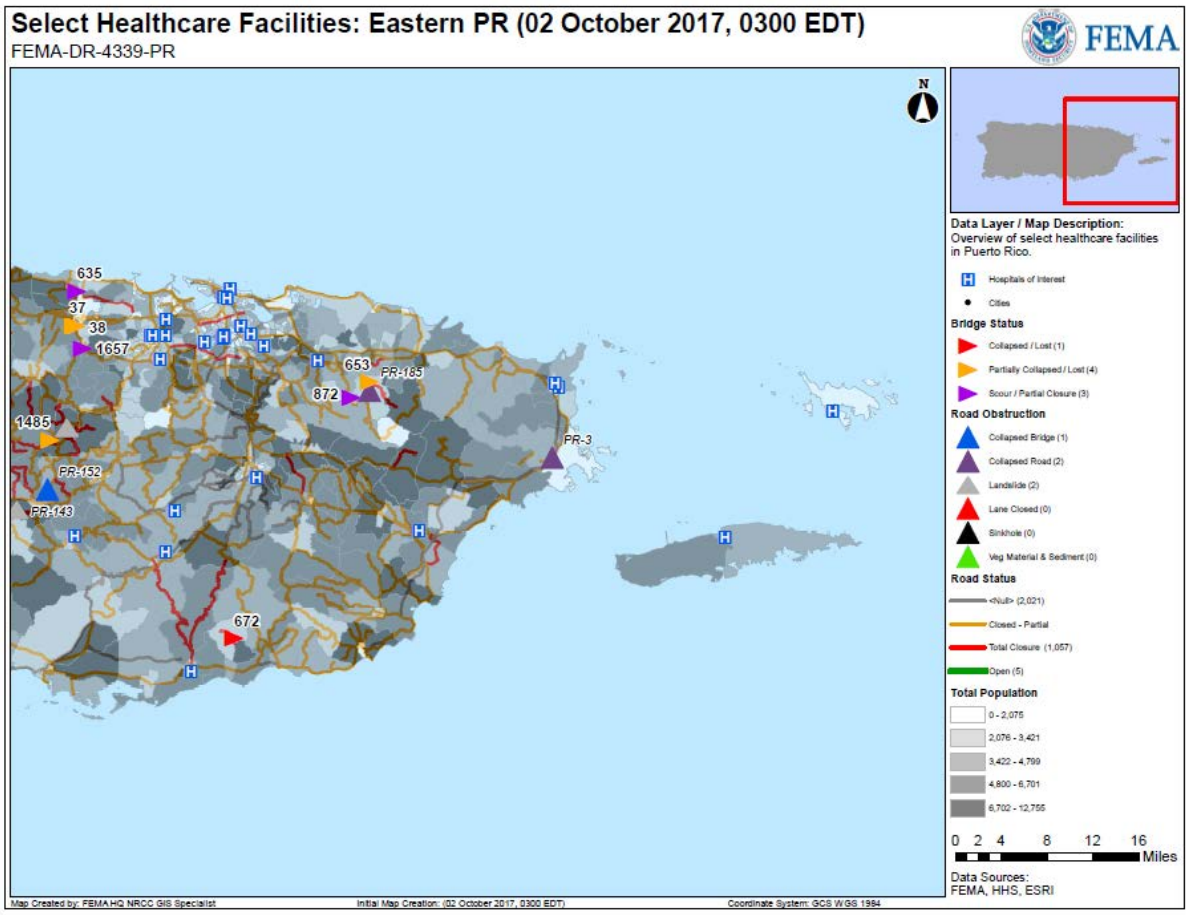
Data Sources: FEMA, ESRI, USCG, commercial websites

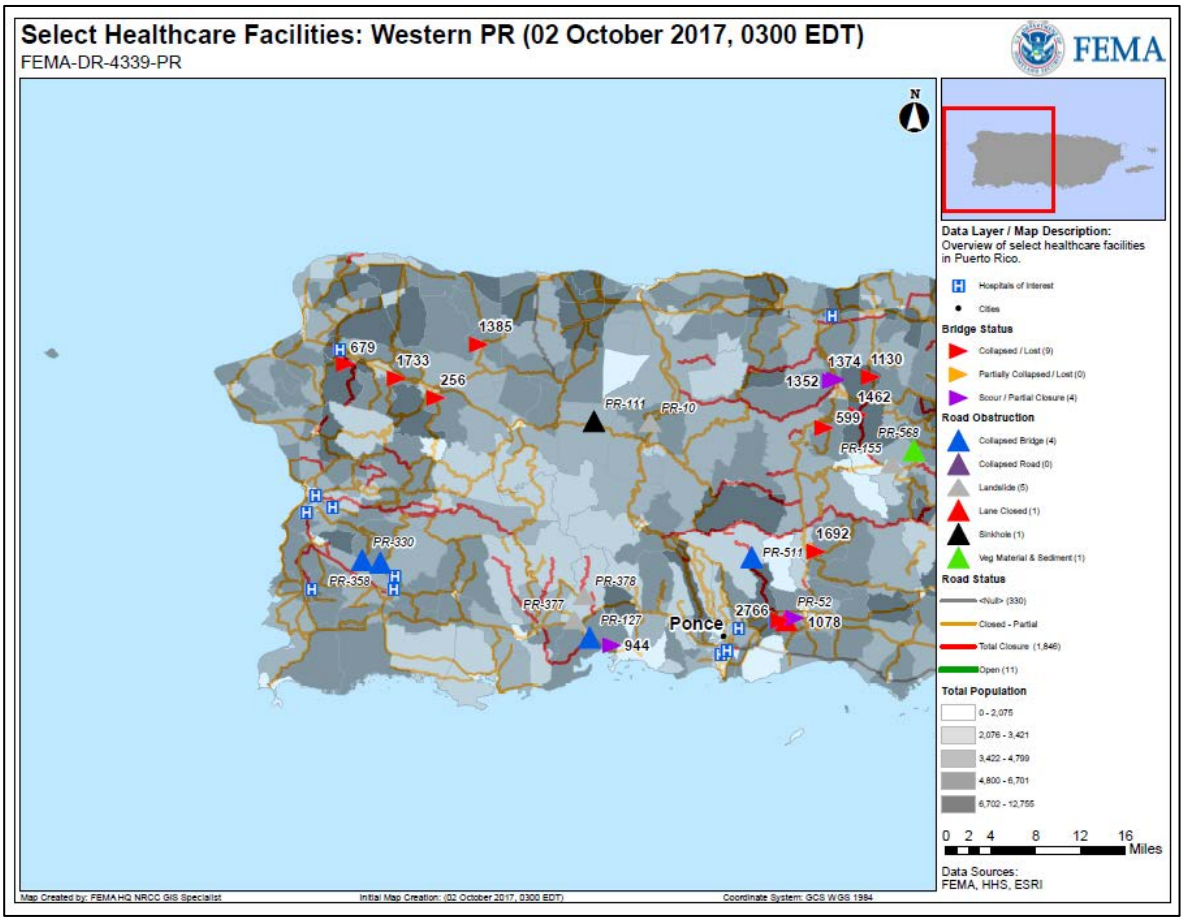


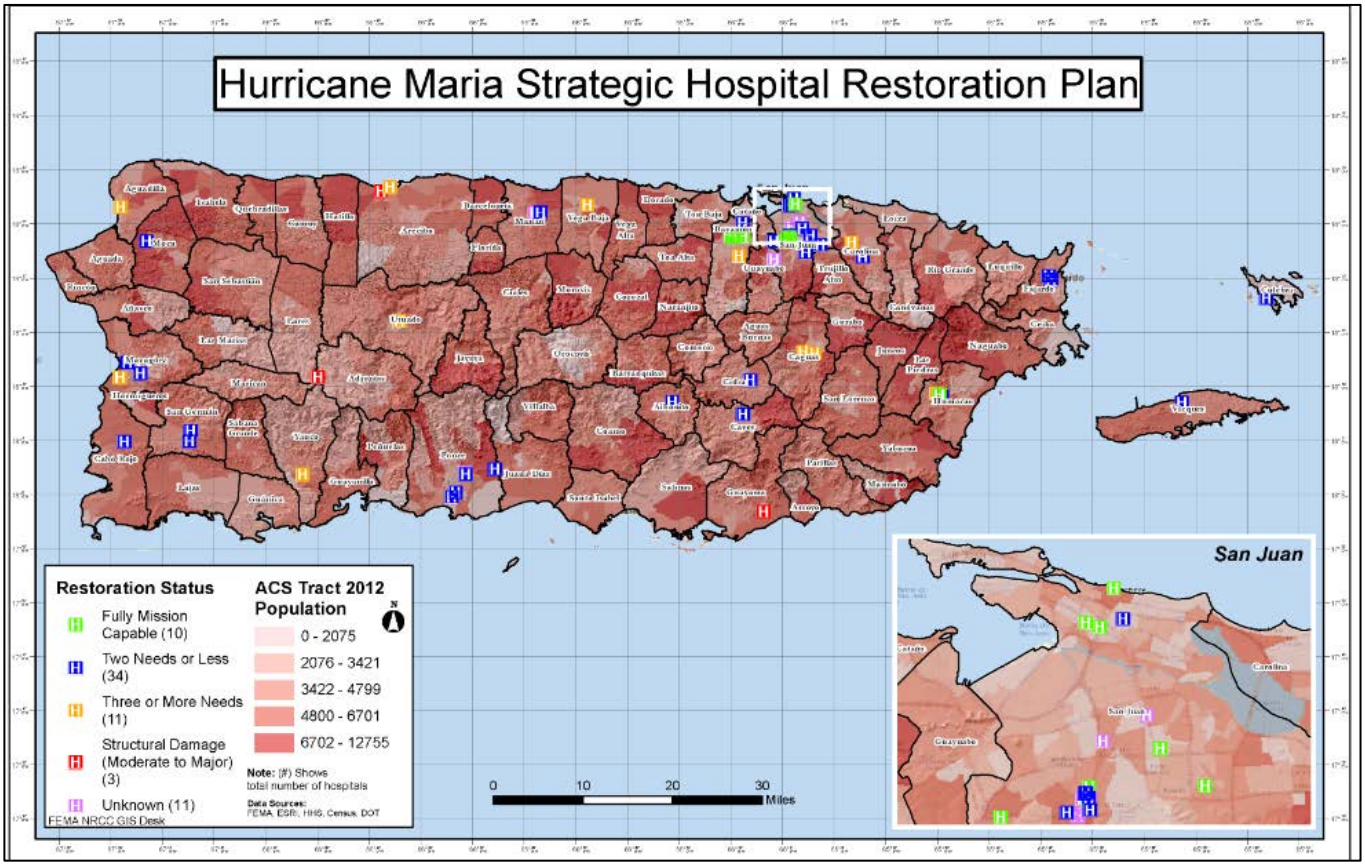
Map Created by: FEMA HQ NRCC GIS Specialist RLong

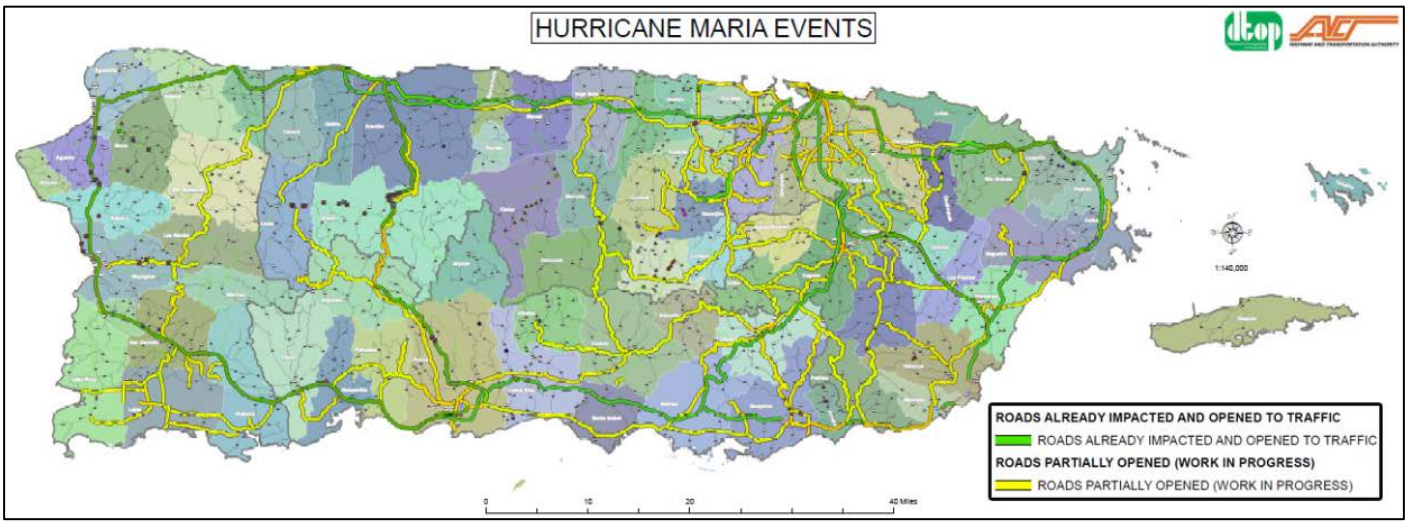
Initial Map Creation: (01 October 2017, 1700 EDT)

Coordinate System: WGS 1984 World Mercator


Select Healthcare Facilities: Eastern PR (02 October 2017, 0300 EDT)
FEMA-DR-4339-PR
FEMA
N
635
37
38
1657
653
PR-185
872
1485
PR-3
PR-152
PR-143
672
Data Layer / Map Description:
Overview of select healthcare facilities in Puerto Rico.
Hospitals of Interest
Cities
Bridge Status
Collapsed / Lost (1)
Partially Collapsed / Lost (4)
Scour / Partial Closure (3)
Road Obstruction
Collapsed Bridge (1)
Collapsed Road (2)
Landslide (2)
Lane Closed (0)
Sinkhole (0)
Veg Material & Sediment (0)
Road Status
<Null> (2,021)
Closed - Partial
Total Closure (1,057)
Open (5)
Total Population
0 - 2,075
2,076 - 3,421
3,422 - 4,799
4,800 - 6,701
6,702 - 12,755
0 2 4 8 12 16
Miles
Data Sources:
FEMA, HHS, ESRI
Map Created by: FEMA HQ NRCC GIS Specialist
Initial Map Creation: (02 October 2017, 0300 EDT)
Coordinate System: GCS WGS 1984


Select Healthcare Facilities: Western PR (02 October 2017, 0300 EDT)
FEMA-DR-4339-PR
FEMA
N
1385
679
1733
256
PR-111
PR-10
1374
1130
1352
1462
599
PR-569
PR-155
PR-330
PR-358
1692
PR-511
PR-378
PR-377
PR-127
944
Ponce
2766
PR-52
1078
Data Layer / Map Description:
Overview of select healthcare facilities in Puerto Rico.
Hospitals of Interest
Cities
Bridge Status
Collapsed / Lost (9)
Partially Collapsed / Lost (0)
Scour / Partial Closure (4)
Road Obstruction
Collapsed Bridge (4)
Collapsed Road (0)
Landslide (5)
Lane Closed (1)
Sinkhole (1)
Veg Material & Sediment (1)
Road Status
<Null> (330)
Closed - Partial
Total Closure (1,846)
Open (11)
Total Population
0 - 2,075
2,076 - 3,421
3,422 - 4,799
4,800 - 6,701
6,702 - 12,755
0 2 4 8 12 16
Miles
Data Sources:
FEMA, HHS, ESRI
Map Created by: FEMA HQ NRCC GIS Specialist
Initial Map Creation: (02 October 2017, 0300 EDT)
Coordinate System: GCS WGS 1984


Hurricane Maria Strategic Hospital Restoration Plan
Restoration Status
Fully Mission Capable (10)
Two Needs or Less (34)
Three or More Needs (11)
Structural Damage (Moderate to Major) (3)
Unknown (11)
FEMA NRCC GIS Desk
ACS Tract 2012 Population
0 - 2075
2076 - 3421
3422 - 4799
4800 - 6701
6702 - 12755
Note: (#) Shows total number of hospitals
Data Sources: FEMA, ESRI, HHS, Census, DOT
0 10 20 30 Miles
San Juan


HURRICANE MARIA EVENTS
ROADS ALREADY IMPACTED AND OPENED TO TRAFFIC
ROADS ALREADY IMPACTED AND OPENED TO TRAFFIC
ROADS PARTIALLY OPENED (WORK IN PROGRESS)
ROADS PARTIALLY OPENED (WORK IN PROGRESS)
1:140,000
0 10 20 40 Miles

Recovery Snapshot
Post-Tropical Cyclone Irma
Monday, October 2, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/28: *DR-4338*	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: *DR-4341*	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: *DR-4337*	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: *EM-3389*		All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: *EM-3386*	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	1. Deliver Individual Assistance 2. Open Disaster Assistance Centers 3. Conduct IA & PA preliminary damage assessments 4. Public Information	Not yet reported
Florida	1. Public Assistance (PA) PDAs 2. Housing in Lee, Hendry, and Collier Counties 3. HUD damage assessments 4. Temporary housing 5. Transitional Sheltering Assistance (TSA) 8. Flagler County requesting expediting processing of Category A and B and making funds available immediately. Requested priority assignment from the state for fixed site registration at Flagler Beach and Hammock Communities 9. Request for Direct Housing - DHAT will deploy to the counties to conduct assessments 10. HUD has granted a 90-day moratorium on foreclosures and forbearance on foreclosures of Federal Housing Administration (FHA)-insured home mortgages. 11. Continuing to coordinate with State on STEP. 12. USACE feasibility inspectors are continuing their review of commercial park pads 13. Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders 14. EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to **debris removal, contractor procurement, constituent registration concerns and an inspector verification.** 15. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute 16. The Economic Housing RSF Team identified several areas of major concern and **will begin analysis immediately** 17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families	• **Staffing** Individual Assistance and Disaster Survivor Assistance missions • **Need more IA Caseworkers** for applicants, IA caseworkers need NEMIS/NACS rights • Survivors continue to request temporary housing as shelters are closing • Debris removal resources • Some schools in the Keys will not open until **October 2nd** • **Need more language interpreters**, Spanish and Creole (Haitian) • **Flagler County** is very low on funding due to Hurricane Matthew and initial Irma response efforts; **no reserve funds to draw upon**. • Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity) • Concern about the lack of information on Housing Strategies/Resources for survivors • Hernando County: mosquito concerns • Survivors **leaving without assistance** prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade) • Concerns over potential arrival of approximately **3,200 evacuees via cruise ship** from Puerto Rico, St. Croix and St. Thomas. **Evacuees are scheduled to dock on 3 Oct**. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors • DSA concerns over inability to check survivor cases on NEMIS • **The 30 day waiver for electrical work for damaged homes is set to expire Oct 13.** Clay County is concerned about homeowners' electricity

	evacuated from Puerto Rico. 18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.	functionality & home repairs not being up to code. **Messaging may be needed** • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	• Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures	PA PDAs: Total $29.6 M • Category A: $14.4M • Category B: $5.5M • Category C: $4.6M • Category D: $0.1M • Category E: $1.6M • Category F: $1.9M • Category G: $1.4M
Florida	In process	

Interagency Coordination/Recovery:

- ***Recovery Support Function (RSF): Housing Recovery***

Individual Assistance *(as of 10/01/2017, 4:08 p.m. EDT)*				
State	**Total Registrations**	**Total Individuals and Households Program Approved**	**Housing Assistance Approved**	**Other Needs Assistance Approved**
Georgia	28,609	$8,057,173	$5,379,539	$2,677,634
Florida	2,072,233	$685,511,046	$448,867,468	$236,643,578
Puerto Rico	4,103	$296,059	$141,653	$154,406
Seminole Tribe of Florida	21,487	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,458	$4,592	$4,592	$0

Housing Inspections *(as of 10/01/2017, 4:08 p.m. EDT)*				
State	**Inspectors with Work**	**Inspections Issued**	**Inspections Complete**	**% Complete**
Georgia	21	4,334	1,587	36.6%
Florida	1,278	525,143	112,800	21.4%
Puerto Rico	23	1,285	500	38.9%
U.S. Virgin Islands	5	5,669	4	0.07%

(Irma) National Flood Insurance Program Claims Estimate *(as of 09/29/2017, 1:34 p.m. EDT)*		
State	**Claims Submitted**	**Advanced Payments to Insured Survivors**
Florida	Over 22,000	Over $28,000,000
Georgia	Over 1,800	Over $2,000,000
South Carolina	Over 2,000	Over $1,100,000
U.S Virgin Islands	45	Not yet reported
Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

- Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FLfrom October 8, 2017 through November 4, 2017 *(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)*

Transitional Sheltering Assistance *(as of 10/01/2017, 11:27 p.m. EDT)*		
State	**Households Checked In to Hotel**	**Eligible**
Florida	9,446	709,449

- Small Business Administration (SBA) Home Loans

SBA Home Loans *(as of 10/01/2017, 8:08 a.m. EDT)*					
Hurricane	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Irma	22,557	54%	213	$9,148,400	$42,950

- US Department of Housing and Urban Development (HUD) *(as of 10/01/2017)*

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130
South Carolina	1	88
Total	**181**	**23,748**

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/ Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	**960**	**111,178**	**48,047**	**90**	**764**	**0**

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	**663**	**79,650**	**7**	**223**

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0
Total	**182,192**	**13**	**14**

- ***RSF: Economic Recovery***
  - SBA Business Loans

SBA Business Loans *(as of 10/01/2017, 8:08 a.m. EDT)*					
Hurricane	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Irma	1,348	35%	12	$662,100	$55,175

- USDA Risk Management Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	**Georgia**	**Puerto Rico***
Liabilities	$2.3 billion	$818.6 million	$2.3 million
Largest Crop Liability (amount)	Orange Trees ($1.1 billion)	Cotton ($581.2 million)	Coffee ($932,742)

**PR crop liability was $53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only $2.3 million of liability was reported and available through the RMA Summary of Business.*

- USDA Farm Service Agency

Total Combined $ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	$338,272,398
Sept 18-Sept 22: Louisiana	$41,000,000

Total Combined $ Loss for Crops/Livestock by Hurricane *(as of 09/24/2017, 11:02 a.m. EDT)*	
Total Irma Hurricane Total	$338,272,398

Recovery Snapshot
Post-Tropical Cyclone Harvey
Monday, October 2, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	9/23: *DR-4332*	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	1. Sheltering and temporary housing 2. Debris Removal 3. Collect and disseminate accurate incident information to improve decision-making 4. Accurately track incident costs associated with assigned resources for cost recovery *(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)*	Not yet reported

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

- ***RSF: Housing Recovery***

Individual Assistance *(as of 10/01/2017, 3:19 p.m. EDT)*				
State	**Total Registrations**	**Total Individuals and Households Program Approved**	**Housing Assistance Approved**	**Other Needs Assistance Approved**
Texas	843,078	$839,194,969	$619,865,760	$219,329,209

Housing Inspections *(as of 10/01/2017, 3:19 a.m. EDT)*				
State	**Inspectors with Work**	**Inspections Issued**	**Inspections Complete**	**% Complete**
Texas	2,742	511,424	301,789	59%

(Harvey) National Flood Insurance Program Claims Estimate *(as of 09/292017, 1:34 p.m. EDT)*		
State	**Claims Submitted**	**Advanced Payments to Insured Survivors**
Texas	Over 88,000	Over $1 billion
Louisiana	Over 480	Over $2 billion

Closure Rates: Over 4% of claims have been closed in Texas with over $42,000,000 paid in closed claims; over 11% of claims have been closed in Louisiana with over $1,200,000 paid in closed claims

- Temporary Housing

Transitional Sheltering Assistance *(as of 10/01/2017, 3:20 p.m. EDT)*		
State	**Households Checked In to Hotel**	**Eligible**
Texas	21,865	342,380

- Small Business Administration (SBA) Home Loans

SBA Home Loans *(as of 10/01/2017, 8:08 a.m. EDT)*					
State	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	52,586	64%	7,471	$628,181,700	$84,083

- U.S. Department of Housing and Urban Development (HUD) *(as of 10/01/2017)*

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

- ***RSF: Economic Recovery***
  - SBA Business Loans

SBA Business Loans (*as of 10/01/2017, 8:08a.m. EDT)*					
State	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	3,589	69%	605	$57,132,900	$94,435

- U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey *(as of 9/23/2017)*		
	Texas*	**Louisiana ****
Liabilities	$792.4 million	$133.5 million
Largest crop liability (total)	Cotton ($352.3 million)	Rice ($104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

** Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat*
*** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon*
++ Information collected from RMA's Summary of Business Reports http://www.rma.usda.gov/data/sob.html

- USDA Farm Service Agency

Total Combined $ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	$72,961,810

- USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
159,339	124,991	361,328	$118,701,657	7,733	10	34	2,873	$118,704,530

(Recovery Update, September 28, 2017, 11:02 a.m. EDT)

- Natural Resources Conservation Service

	EWPP Sponsor requests	EQIP Applications	CTA/Employees Providing Assistance
Texas*	5 new, 6-7 previous projects that may need assistance	57	97
Louisiana**	0	0	25

**57 EQUIP application for FY17 received to date for TX special sign-ups*
***Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP*