

CIVIL DEFENSE

I. Mission Statement

To protect lives and property in the County of Kauaʻi by coordinating and integrating efforts among all levels of government and the private sector to mitigate against, prepare for, respond to and recover from natural disasters, acts of terrorism and other threats and hazards.

II. Department Goals

1. Effectively administer and perform Civil Defense emergency management functions for the County of Kauaʻi.
2. Increase public awareness regarding emergency preparedness and Civil Defense programs, and initiatives.
3. Enhance the operational readiness of Emergency Operations Center staff as well as emergency responders via an effective training and exercise program.
4. Serve as the County's lead in the area of operational and interoperable communications as well as the maintenance and administration of the County's 800 MHz trunked radio system.
5. Secure succession planning within Civil Defense to ensure effective continuity of operations for the safety of the residents and visitors to the County of Kauaʻi.
6. Ensure first responders will continue to have dependable and trusted communications in all types of weather and disasters to serve the residents and visitors of Kauaʻi.

III. Program Description

1. Objectives

- A. Maintain and improve the operating efficiency of the Emergency Operations Center (EOC).
- B. Train staff, governmental and non-governmental emergency responders by their participation in exercises and attendance at formal training sessions.
- C. Maintain the operational-ready status and efficacy of emergency management, communications, interoperable communications, local notification and warning systems and procedures.
- D. Promote public awareness and readiness through education and outreach, public presentations, public relations news releases, distribution of emergency preparedness literature and associated initiatives such as the Storm Ready / Tsunami Ready Community program and the Community Emergency Response Team program.
- E. Develop community resilience and disaster recovery with KCDA exercises.

2. Highlights

- A. Kekaha community Tsunami refuge/holding area tent shelter was procured and received by KCDA.

- B. Completed the Tsunami evacuation zone and route signage project.
- C. Siren Modernization Project Phase I completed, with 9 new Civil Defense Outdoor Warning Sirens at ‘Aliomanu Estates, ‘Anini Beach Park, Kapa‘a High School, Lydgate Park, Isenberg Park, Līhu‘e Ballpark, Vidinha Stadium, Shipwreck Beach Park and Kaua‘i Veterans Cemetery.
- D. Improved and updated the KCDA Emergency Operations Center (EOC) organizational structure and enhanced EOC responder skills via All Hazards Incident Management Team (AHIMT Type-3) training.
- E. 800 MHz Phase II maintenance upgrade project was completed.

3. Activities

- A. Operations – Consists of various aspects of Civil Defense operations, such as but not limited to:
 - i. Agency administration;
 - ii. Federal/State/County/non-governmental interface/operational coordination;
 - iii. Public information and warning;
 - iv. Public shelters/mass-care;
 - v. Emergency Operations Center (EOC) and alternate EOC systems readiness;
 - vi. EOC management and activation;
 - vii. Special projects;
 - Na Pali improvements initiative;
 - Visitor industry evacuation initiative;
 - Other County and statewide initiatives/groups/committees;
- B. Training and Exercises – Consists of planning, coordination, funding and/or hosting of FEMA/Homeland Security and related courses and Homeland Security-compliant exercises targeting first-responders and emergency management partners at all levels of government and the private sector, so that all can prepare for, respond to and recover from a full, all-hazards spectrum of emergencies, hazards and disaster events.
- C. Planning – Consists of plan development, validation and maintenance and related initiatives, such as but not limited to:
 - i. County Emergency Operations Plan;
 - ii. Multi-Hazard Mitigation and Resilience Plan;
 - iii. Continuity of Operations Plan;
 - iv. Hurricane Response Framework;
 - v. Local Emergency Planning Committee (LEPC) support;
 - vi. Tsunami and Dam Safety evacuation zone planning;
 - vii. Threat and Hazard Identification and Risk Assessment (THIRA);
- D. Grant Management – Consists of all-aspect management of various grants, such as:
 - i. State Homeland Security Grant Program;
 - ii. Emergency Management Performance Grant;
 - iii. Environmental Response Revolving Fund;

- E. Community outreach/education – Consists of community and partner education, outreach to schools and community groups, information dissemination at public events, preparedness seminars, etc.
- F. Telecommunications – Consists of management and maintenance of various primary, interoperable and redundant communications systems and participation in related preparedness and response activities, such as but not limited to:
 - i. County’s 800 MHz trunked radio system and ongoing upgrades;
 - ii. Interoperable communications packages – ACU-2000 systems;
 - iii. Transportable Repeaters for Interoperable Communications (TRIC) packages;
 - iv. Daniels portable repeater packages;
 - v. Satellite-based systems
 - Broadband Global Area Network (BGAN) packages;
 - Fixed satellite systems;
 - vi. Statewide Communications Interoperability Plan support;
 - vii. Tactical Interoperable Communications Plan (local TICP);
 - viii. Military/partner interface;
 - ix. Support of KPD Dispatch/911; etc.

IV. Program Measures – Accomplishments/Evaluation

1. Objective: Maintain and improve the operating efficiency of the Emergency Operations Center (EOC).
 - A. Integrated EOC-improvements into planning for training and exercise items in objective 2;
 - B. Via EOC activations, validated and fully-implemented new/improved EOC hybrid Incident Command System/Emergency Support Function EOC structure originally developed at the end of FY2014.
 - C. All-Hazards Incident Management Team training conducted for 30+ responders, further enhancing EOC operations, particularly our ability to deploy trained personnel in ICS command and general staff positions for both field and EOC roles;
2. Objective: Train staff, governmental and non-governmental emergency responders by their participation in exercises and attendance at formal training sessions.
 - A. Planned, coordinated, executed and/or participated in the following exercises to enhance response and responder capabilities:
 - i. 93rd Civil Support Team WMD full-scale exercise;
 - ii. Department of Health Ebola tabletop exercise;
 - iii. Senior Leader Hurricane tabletop exercise;
 - iv. Visitor industry hurricane/tsunami preparedness seminars;
 - v. EOC hurricane tabletop exercise;
 - vi. EOC functional exercises (2) for Incident Management Team/Incident Action Planning process;

- vii. Full-scale redundant/interoperable communications exercise;
 - viii. 93rd and 94th Civil Support Team full-scale hurricane/Hazmat full-scale exercise;
 - ix. CBRNE Enhanced Response Force Package full-scale collapsed structure exercise
- B. Planned and coordinated the following trainings to enhance response and responder capabilities:
- i. Motorola training
 - ii. Critical Infrastructure/Key Resources, AWR-213
 - iii. Advanced Critical Infrastructure Protection, MGT-414
 - iv. All Hazards Incident Management Team 0305
 - v. FEMA Public Assistance Training
 - vi. Incident Command System 100 – Intro to ICS
 - vii. Incident Command System 200 – Single Resource
 - viii. Incident Command System 300 – Intermediate ICS
 - ix. Incident Command System 400 – Advanced ICS
 - x. Essentials of Community Cybersecurity, AWR-136
 - xi. EOC Role in Community Cybersecurity, MGT-384
 - xii. Hurricane Awareness
3. Objective: Maintain the operational-ready status and efficacy of emergency management, communications, interoperable communications, local notification and warning systems and procedures.
- A. Updated EOC computer workstations;
 - B. Performed maintenance on EOC projectors;
 - C. In partnership with Hawai‘i Emergency Management Agency, completed Siren Modernization Project Phase I, with 9 new Civil Defense Outdoor Warning Sirens at:
 - i. ‘Aliomanu Estates;
 - ii. ‘Anini Beach Park;
 - iii. Kapa‘a High School;
 - iv. Lydgate Park;
 - v. Isenberg Park;
 - vi. Lihu‘e Ballpark;
 - vii. Vidinha Stadium;
 - viii. Shipwreck Beach Park; and
 - ix. Kaua‘i Veterans Cemetery.
 - D. Acquired three State-issued iPad Mini units with MERCI damage assessment capability;
 - E. Coordinated installation of redundant EOC satellite communications systems;
 - F. Expanded RACES/amateur radio engagement/participation;
 - G. Maintained Blackboard Connect emergency mass-notification system;
 - H. Multi-Hazard Mitigation and Resilience Plan 2015 update was developed and in draft format pending FEMA review and approval at the end of FY2015 (subsequently approved in FY2016);

- I. Managed and implemented approximately \$1.1 million in emergency management/preparedness grants, enhancing the following areas:
 - i. Planning;
 - ii. Organization;
 - iii. Equipment;
 - iv. Training; and
 - v. Exercises
- 4. Objective: Promote public awareness and readiness through education and outreach, public presentations, public relations news releases, distribution of emergency preparedness literature and associated initiatives such as the Storm Ready / Tsunami Ready Community program and the Community Emergency Response Team program.
 - A. Provided community outreach, public presentations and preparedness information dissemination at 34 public events and/or staff speaking engagements;
 - B. Issued 18 news releases relating to preparedness and/or emergency management activities – Public notification related to EOC activations/events, testing or exercise notifications and outreach/informational releases;
 - C. Completed the Tsunami evacuation zone and route signage project, including signs along major roadways and highways designating:
 - i. Signs indicating entering/leaving Tsunami Evacuation Zone;
 - ii. Signs indicating evacuation routes; and
 - iii. Embossed CD logos on road/highway surfaces;
 - D. Provided staff representation on the Mayor’s Show, relating to Hurricane awareness and preparedness.
- 5. Objective: Develop community resilience and disaster recovery with KCDA exercises.
 - A. Referring to item IV(2)B above;
 - i. Integrated Community Emergency Response Team volunteers into various exercises;
 - ii. Engaged and involved Volunteer Organizations Active in Disasters (VOAD) and associated volunteer/community organizations in exercises;
 - iii. Integrated amateur radio/RACES volunteers in various exercises;
 - iv. Invited CERT volunteers and non-governmental organizations to various training events in preparation for Civil Defense exercises;

V. Budget

	CFY 2014 Actual	CFY 2015 Actual	CFY 2016 Appropriation
Equivalent Personnel (E/P)	4.0	5 (+1 grant)	4
Salaries & Wages	471,919	518,098	456,030
Operations	793,689	1,181,837	813,071
Equipment/Furniture	10,318	2,155	0
Vehicle	43,030	39,589	13,900
Program Total	1,318,956	1,741,679	1,283,001

VI. Statistics

	CFY-2014 Actual	CFY-2015 Actual	CFY-2016 Estimated
Total Sirens & Simulators Installed	48	47	54
Total Sirens Upgraded (or New)	48	9	9
EOC Activations	14	4	10
Disaster Threats Monitored	157	141	150
CD Exercises	6	10	6
CD Training Sessions	8	12	10
Total Count of Personnel Trained (includes exercises)	380	520	400
CD Public Presentation	38	34	24
Blackboard Connect CTY Notifications	13 KCDA (39 DoW 1 false alarm)	11 KCDA (50 DoW)	11
Blackboard Connect CTY Notified	330,575 KCDA (15,665 DoW)	225,818 KCDA (32,333 DoW)	225,000 KCDA
Number of Public Shelters	19	19	19

Disaster Publications	5	9 – Activation information 3 – Exercise/testing information 6 – Outreach/informational	6
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VII. Holo Holo 2020 Projects & Status