

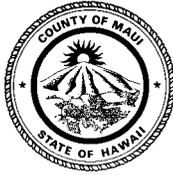
2014-2015 Annual Report



COUNTY OF MAUI • DEPARTMENT OF FIRE AND PUBLIC SAFETY



ALAN M ARAKAWA
MAYOR



JEFFREY MURRAY
FIRE CHIEF

ROBERT SHIMADA
DEPUTY FIRE CHIEF

COUNTY OF MAUI
DEPARTMENT OF FIRE & PUBLIC SAFETY

200 DAIRY ROAD
KAHULUI, HI 96732
(808) 270-7561
Fax (808) 270-7919

September 11, 2015

Honorable Alan M. Arakawa
Mayor, County of Maui
Kalana O Maui
200 S. High Street
Wailuku, HI 96793

Dear Mayor Arakawa:

In accordance with the provisions of Section 13.7 of the Maui County Charter, we are pleased to submit the annual report of the activities of the Department of Fire and Public Safety for fiscal year ending June 30, 2015.

This report reflects the continuing effort and education by members of our Department, striving ever to provide the best fire protection and the necessary protection of life, environment and property within Maui County.

On behalf of the Department of Fire and Public Safety, may we extend our personal appreciation to you and your Staff, and the members of the County Council for your whole-hearted cooperation and support extended to our Department throughout the year.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Jeffrey A. Murray", is written over a white background.

JEFFREY A. MURRAY
Fire Chief

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**County of Maui
Department of Fire & Public Safety**

Mission Statement:

Dedicated to protect and preserve life, environment, and property.

Department Goals:

1. Suppress and extinguish all hostile fires.
2. Perform search and rescue on land and sea.
3. Provide quality emergency medical services.
4. Prevent, mitigate and stabilize hazardous materials incidents.
5. Participate in the County's localized disaster response network.
6. Provide education in fire safety and administer the Fire Code.
7. Maintain vehicles and equipment for emergency responses.
8. Develop and support an effective organization.

Years One to Five

- Achieve Accreditation.
- Enroll all qualified staff into the Executive Fire Officer Program (EFOP) at the National Fire Academy in Maryland.
- Establish a vehicle replacement and purchase committee that will make recommendations to the Fire Chief.
- Improve our maintenance program for vehicles and apparatus immediately.
- Work towards compliance in all areas of the department's responsibilities and operations, to include OSHA and NFPA guidelines.

- Establish an executive committee charged with taking a *proactive* approach to represent the department in present and future community developments. This will allow input/feedback in the early planning stages for these projects.
- Provide logistical and clerical assistance for the Battalion Chief's office.
- Establish weekly communications from the administration to all stations/members to keep them updated and "in the loop."
- Establish Rapid Intervention Teams (RIT) to comply with our FEMA grant.
- Increase initial training standards during firefighter recruit class and probationary period.
- Revisit the strategic plan every two to three years.
- Increase staffing in the Fire Prevention Bureau.
- Establish a merit program for Department personnel.
- Implement a newly formatted Rules and Regulations/Manual of Operations to allow timely and efficient updates and revisions.
- Increase our involvement with Department of Homeland Security plans and programs. "911: Never Forget."
- Establish a planning process with a clear set of criteria for the building of new fire stations to accommodate population and visitor growth.
- Explore the development of a Junior Firefighter program.

Years Six to Ten

- Achieve Accreditation. This provides a way to measure the effectiveness and efficiency of our fire department by determining community risk and fire safety needs, accurately evaluating the organization's performance, and providing a method for continuous improvement
- Complete the merger of Ocean Safety Officers into our department.
- Maintain and update the department's strategic plan as a continuously living/working guideline: our "roadmap to success."
- Continue towards updating and modifying laws that affect our department's ability to conduct business, allowing us to streamline services and increase productivity.

- Continue to support advanced training and continuing education for Chief Officers and supervisors to ensure safety and a positive attitude toward our department's mission.
- Maintain an experienced executive committee on community developments. Train new members for the future.
- Engage in aggressive research and development for all aspects of the department's responsibilities.
- Maintain memorandums of agreement for statewide disaster response. Work towards expanding response and training service

**Department of Fire and Public Safety
Maui County Charter
Chapter 7**

Section 8-7.1. Organization. There shall be a department of fire and public safety consisting of a fire and public safety commission, a fire chief, and the necessary staff. (Amended 2002, 1986)

Section 8-7.2. Fire and Public Safety Commission. The fire and public safety commission shall consist of nine members appointed by the mayor with the approval of the council.

The fire and public safety commission shall:

1. Adopt such rules, as it may consider necessary for the conduct of its business and regulation of the matters committed to its charge by law.
2. Review and submit to the mayor the department's request for an annual appropriation for the operation of the department.
3. Review the operations of the department of fire and public safety and the civil defense agency and make recommendations for changes that may be desirable to improve the performance of emergency functions and the provision of public safety services.
4. Receive, review, and investigate any charges brought forth by the public against the conduct of the department of fire and public safety or any of its members and submit a written report of its findings and recommendations to the fire chief for disposition.
5. Evaluate at least annually the performance of the fire chief and submit a report to the mayor and the council.

6. Submit an annual report to the mayor and the council on its activities.
7. Have such other powers and duties as may be provided by law.

Except for purposes of inquiry or as otherwise provided in this charter, neither the commission nor its members shall interfere in any way with the administrative affairs of the department. (Amended 2002)

Section 8-7.3. Fire Chief. The fire chief shall be appointed and may be removed by the fire and public safety commission. The fire chief may be removed by the fire and public safety commission only after being informed in writing of the charges that are resulting in the fire chief's dismissal, and after being given a hearing before the commission. The fire chief shall have had a minimum of five years of experience in fire control, at least three years of which shall have been in an administrative capacity. (Amended 2002)

Section 8-7.4. Powers, Duties and Functions. The fire chief shall:

1. Be the administrative head of the department.
2. Provide and perform fire fighting, rescue, and first-responder emergency services in order to save lives and property from fires and other emergencies arising on land, sea, and hazardous terrain, including the mitigation and stabilization of hazardous materials and incidents relating to the same.
3. Provide public education programs related to fire prevention and public safety.
4. Train, equip, maintain, and supervise the force of fire fighting and emergency rescue personnel.
5. Investigate the cause, origin and circumstances of fires.
6. Adopt rules relating to the protection of persons and property against fires.
7. Monitor the standards of construction and occupancy of buildings for the purpose of fire prevention and life safety and approve building plans as provided by law.
8. Exercise such other powers and duties as may be assigned by the commission or as may be provided by law. (Amended 2002, 1992, 1984)

County of Maui Fire & Public Safety Commission



WILLIAM "BUTCH" SOARES
Commission Chair



ALLEN SOUZA
Commission Vice-Chair



PATRICK BORGE
Commission Member



PUA CANTO
Commission Member



ROBYNE NISHIDA NAKAO
Commission Member



CHARLES HIRATA
Commission Member



ARCHIE KALEPA
Commission Member



EDWIN MISAKI
Commission Member



LINDA FERNANDEZ
Commission Member

County of Maui
Fire & Public Safety Commission
July 1, 2014 – June 30, 2015

Commission Members

On March 12, 2015, we were sad to say “a hui hou” to Commission Members Gwen Ohashi Hiraga and Ryan Joslin. Both members began their terms on April 1, 2010 and contributed greatly to the forward movement of the Department during their time as members.

New members Linda Fernandez of Lana’i and Edwin Misaki of Moloka’i were welcomed to the Commission on April 1, 2015. Commissioner Fernandez is a former member of the Liquor Commission, and Commissioner Misaki is a long-time member of the Moloka’i Brush Fire Task Force, bring with them a wealth of knowledge that will benefit the Commission and Department for years to come.

During the Fire and Public Safety Commission meeting on March 12, 2015, the Commission once again chose Commission Chair Butch Soares to lead the Commission, and also voted in Commission Vice-Chair Allen Souza for another term. Both Chair Soares and Vice-Chair Souza will be completing their terms on March 31, 2016.

Fire Chief’s Review

On March 12, 2015, the Fire and Public Safety Commission completed the annual review for Fire Chief Jeffrey A. Murray. After completing evaluation forms which rated Chief Murray on areas such as leadership, communication, and financial management, the Commission sent letters to the Council and to Mayor Arakawa to notify them that he continues to perform well in all major categories.

Kahuola Award Program

In 2004, the Fire & Public Safety Commission and Maui Department of Fire & Public Safety began the Kahuola and Kahu’aina Award programs, which recognizes and rewards citizens of the County of Maui who have gone above and beyond to preserve life or property. Since then, twenty (20) outstanding citizens have been recognized with these awards.

On March 12, 2015, the Maui Fire & Public Safety Commission and the Maui Fire Department were proud to present Kahuola Awards to Taje Akaka-Foster, James Giroux, and James Owen Deatrck, who all displayed exemplary levels of heroism in three separate incidents in 2014.

Taje Akaka-Foster was a teenager when he pulled a drowning man to safety at Kamaole Beach Park in Kihei. When onshore, he stood by while onlookers performed lifesaving measures and contacted emergency services. Because of Akaka-Foster's heroic actions, the man's life was saved.

James Giroux was involved in a plane crash on the island of Lana'i, and although severely injured himself, he entered the wreckage several times to extract two of his critically injured coworkers and pull them to safety. He was also able to contact emergency workers and successfully directed them to their remote location. Because of Giroux's heroic actions, both of his coworkers' lives were saved.

Maui Fire Department Firefighter James Owen Deatruck was off-duty when he witnessed the brutal stabbing of an elderly woman in his apartment complex. Deatruck subdued the assailant, made sure he was secured and that emergency services had been contacted, before then treating the woman's stab wounds until emergency responders could arrive. Because of Deatruck's heroic actions, the woman's life was saved.



**Maui Fire Department
Honored Retirees
Fiscal Year 2014-2015**



**Fire Captain
KAWIKA WILLIAMS**



**Fire Captain
KIRK POCOCK**



**Fire Services
Officer
LEE MAINAGA**



**Fire Captain
MICHAEL
DECOSTA**



**Firefighter III
RICHARD
SCHONELY**



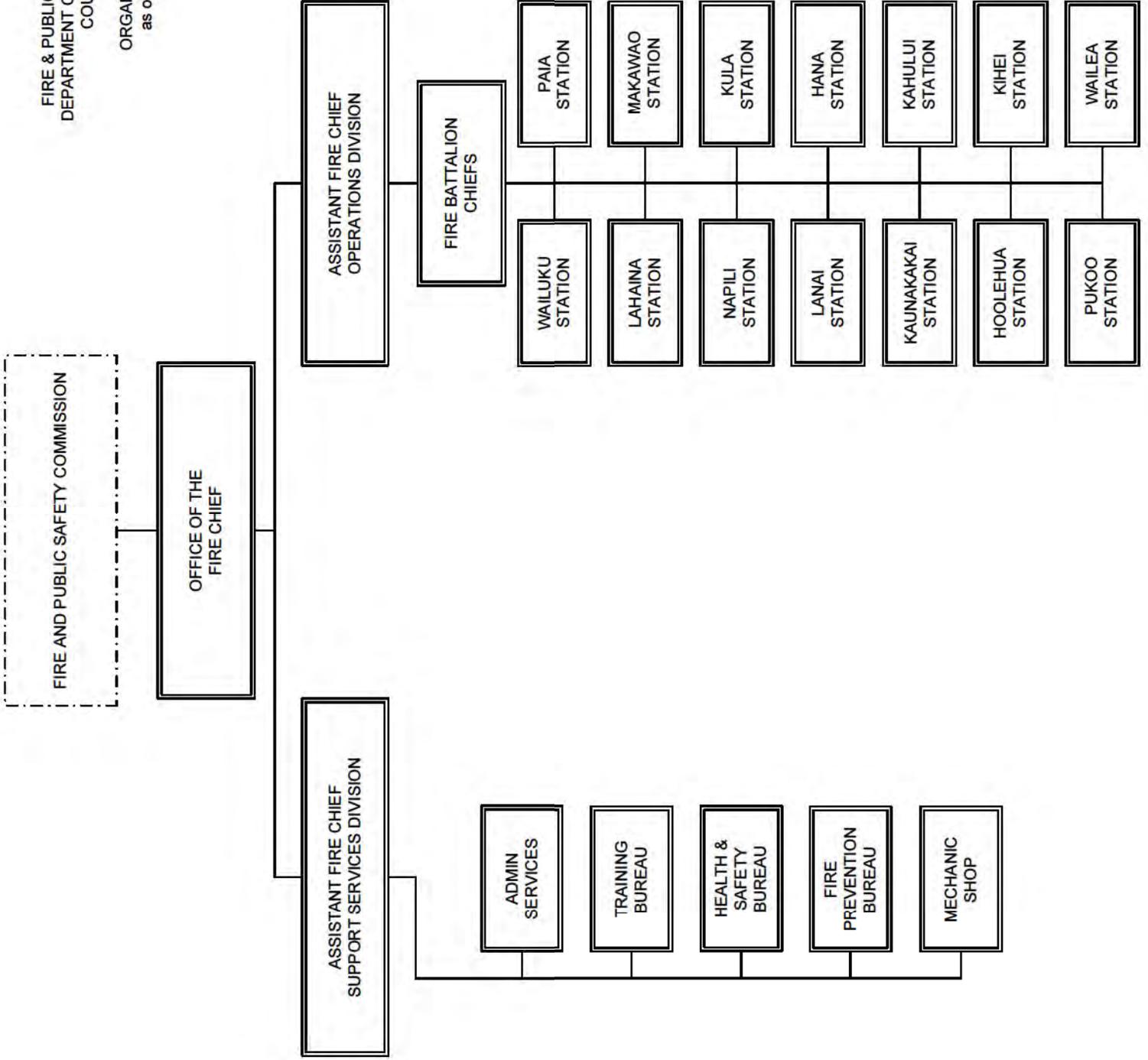
**Firefighter III
SHELDON
HAMAKUA**



**Private Secretary
ROXANNE
KINORES-MEDEIROS**

FIRE & PUBLIC SAFETY COMMISSION
DEPARTMENT OF FIRE & PUBLIC SAFETY
COUNTY OF MAUI

ORGANIZATION CHART
as of June 30, 2013



AUTHORIZED PERSONNEL
FISCAL YEAR 2014 - 2015

ADMINISTRATION

FIRE CHIEF	1
DEPUTY FIRE CHIEF	1
ASSISTANT FIRE CHIEF	2
FIRE SERVICE OFFICER	1
BATTALION CHIEF	1
ADMINISTRATIVE ASSISTANT	1
PRIVATE SECRETARY	1
PERSONNEL CLERK	1
FIRE MECHANIC	3
LEAD FIRE EQUIPMENT MECHANIC	1
OFFICE OPERATIONS ASSISTANT	2
ACCOUNT CLERK	1
BUSINESS MANAGER	1
EQUIPMENT TECHNICIAN	1

TRAINING/HEALTH & SAFETY

TRAINING CAPTAIN	1
HEALTH & SAFETY CAPTAIN	1
FIRE FIGHTER III	4
MEDICAL SPECIALIST	1
OFFICE OPERATIONS ASSISTANT	1

FIRE PREVENTION BUREAU

FIRE CAPTAIN	1
FIRE FIGHTER IV (Plans Reviewer)	2
FIRE FIGHTER III (Fire Inspector)	6
OFFICE OPERATIONS ASSISTANT	1
ACCOUNT CLERK	1

FIRE SUPPRESSION FORCE

BATTALION CHIEF	6
FIRE CAPTAIN	51
FIRE FIGHTER III	69
FIRE FIGHTER II	18
FIRE FIGHTER I	138
TOTAL PERSONNEL	319

ADMINISTRATION and SUPPORT SERVICES

FIRE CHIEF



Jeffrey Murray

DEPUTY CHIEF



Robert Shimada

ASSISTANT CHIEF
OF OPERATIONS



David Thyne

ASSISTANT CHIEF
OF SUPPORT SERVICES



Valeriano Martin

FIRE SERVICES OFFICER



Edward Taomoto

BATTALION CHIEF
OF OCEAN SAFETY



Colin Yamamoto

SUPPORT SERVICES



Internal Affairs Officer Dukie Racadio,
Secretary Crystal Sakai, Business Administrator
Cindy Kagoshima, Account Clerk Shirley Falcon
(not pictured) Personnel Clerk Chasserae Kaawa

MECHANIC SHOP



Mechanic Shawn Kan-Hai, Mechanic Ray Shimizu,
Office Operations Assistant Jill Peterson, Lead
Mechanic Victor Fontanilla

Administrative Services Annual Highlights July 01, 2014 - June 30, 2015

The Administrative Services is led by an Assistant Chief who is directed by the Fire Chief & Deputy Fire Chief. The following bureaus and projects are administered by the Administrative Services section with the assistance of various MFD personnel:

Bureaus

- Training Bureau
- Health and Safety Bureau
- Fire Prevention Bureau
- Budget and Human Resources
- Proposed Ocean Safety Bureau

Projects and Assignments in the Administrative Services Section include:

Grants

Grant applications submitted during the period include:

1. CDBG - received \$708,500 for a new Kaunakakai Tanker Truck
2. FEMA, Assistance to Fire Fighters grant program - Submitted a grant application for \$57,300 to obtain a compressed air cascade system for breathing apparatus for fire fighters
3. United States Department of Agriculture/Hawaii Department of Forestry - wrote and oversee a \$22,000 50/50 matching grant to create a firebreak around Olowalu Village for a total of \$44,000.
4. Department of Forestry, State of Hawaii- assistance for wildland equipment for \$10,000
5. Monsanto-\$13,000 for an automatic CPR machine
6. FEMA- Received \$40,000 in reimbursement for Tropical Storm Iselle expenses incurred by MFD

CERT Training and Education

MFD personnel conducted three Community Emergency Response Team (CERT) training classes in the stated fiscal year in coordination with Maui Civil Defense. Each class generally takes 4 weeks to complete, depending on class schedule agreed upon. A total of 37 citizens from Kahului, Lanai & Pukalani were trained utilizing MFD instructors and instructors from the community. More information on CERT can be

found at <https://www.fema.gov/community-emergency-response-teams>

Accreditation

The MFD moved from “Registered” status to “Applicant” status in the accreditation process with the Center for Public Safety Excellence (CPSE). The MFD is committed to become an accredited agency in the near future. Much work is still to be done. A survey of MFD members took place in May 2015 to obtain ideas on future goals and objectives. Responses will be folded in to the newly created Strategic Plan and Standards of Cover document. In May 2015, the MFD was assigned an outside mentor by the CPSE to help achieve accreditation.

A public survey is scheduled to be taken August 9 through August 30, 2015. Responses received will also be utilized in the accreditation process.

Fifteen (15) personnel are currently working on various accreditation documents with more personnel added as the process unfolds. Accreditation provides a roadmap to success and it is a structured plan that is reviewed by a fire service commission who have many years of experience.

Emergency Operations Center

Whenever the Maui Civil Defense activates the Emergency Operations Center (EOC) for a natural or man-made disaster, a representative from the administrative section represents the MFD. The EOC was activated twice during the fiscal year for a tropical storm & Hurricane Iselle. Practice drills occur throughout the year.

Operations

Statistics and Annual Highlights

July 01, 2014 - June 30, 2015

The Operations Division of the Maui Fire Department is led by an Assistant Chief who is directed by the Fire Chief and Deputy Fire Chief. There are two Battalions which make up the County of Maui. A Battalion Chief is on duty every day to manage each of the two battalions.

New Fire Apparatus Purchased in Fiscal Year 2015

LAHAINA FIRE STATION LADDER 3



A new 105' aerial ladder was placed in service at the Lahaina Fire Station this fiscal year. The 105' ladder is built on a Pierce Arrow XT chassis and uses a 2,000 GPM Waterous pump. This ladder carries 440 gallons of water and 50 gallons of class A

foam. The ladder's aerial is able to rotate a full 360 degrees and has a monitor that is capable of flowing a maximum of 1500 GPM. This ladder also has dual rear mechanical steering and air powered cab steps for increased maneuverability and firefighter safety. Adding to the safety for firefighters this ladder comes with 4 cameras and added audible/visual devices. It was built by Pierce Mfg. in Appleton, Wisconsin.

LANAI FIRE STATION **UTILITY 8**



A new 4x4 brush truck was placed in service at the Lanai Fire Station this fiscal year. The brush truck is built on a Ford-F350 4x4 crew cab chassis and uses a Waterous 75 GPM pump. This brush truck comes equipped with 150 gallons of water, 10 gallons of class A foam and a fully removable pump and tank module, which allows for more space in the bed if needed. A 6" lift kit and off road tires were also added to this brush truck for added accessibility in extreme off road situations. This brush truck will be used for brushfires and any situation that requires an off road vehicle. It was built by Manning Equipment in Louisville, KY and Alum-line in Cresco, IA.

MAKAWAO FIRE STATION AND WAILEA FIRE STATION ENGINE 5 AND ENGINE 14



Two new pumpers were placed in service at the Makawao and Wailea Fire Stations this fiscal year. The new 1500 GPM pumpers are built on Pierce Arrow XT chassis and uses a 1500 GPM pump with pump and roll capability. These pumpers are equipped with 750 gallons of water, 30 gallons of class A foam, and CAFS. The main monitor is capable of raising 18 inches from the bedded position, rotates a full 360 degrees and changes angles up and down while flowing a capacity of 1250 GPM. The front monitor also rotates and changes angles, it flows a capacity of 500 GPM. Air powered cab steps, three cameras, added visual/audible devices, and a short wheelbase were all designed to increase firefighter safety and maneuverability. These pumpers were built by Pierce Mfg. in Appleton, Wisconsin.

The following pages contain the statistics and station information for Fiscal Year 2015.

WAILUKU FIRE STATION
21 Kinipopo Street
Wailuku, HI 96793
(808)270-7659



A WATCH

FF Dane Pacheco
Captain Kristopher Sakamoto
FFIII Jay Fujita
FF Christian Casco
FF Ryan Short



B WATCH

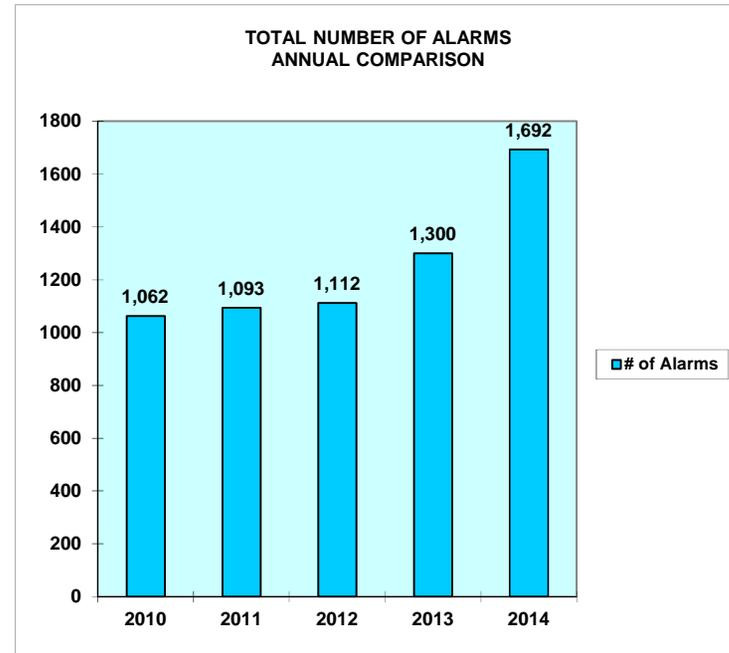
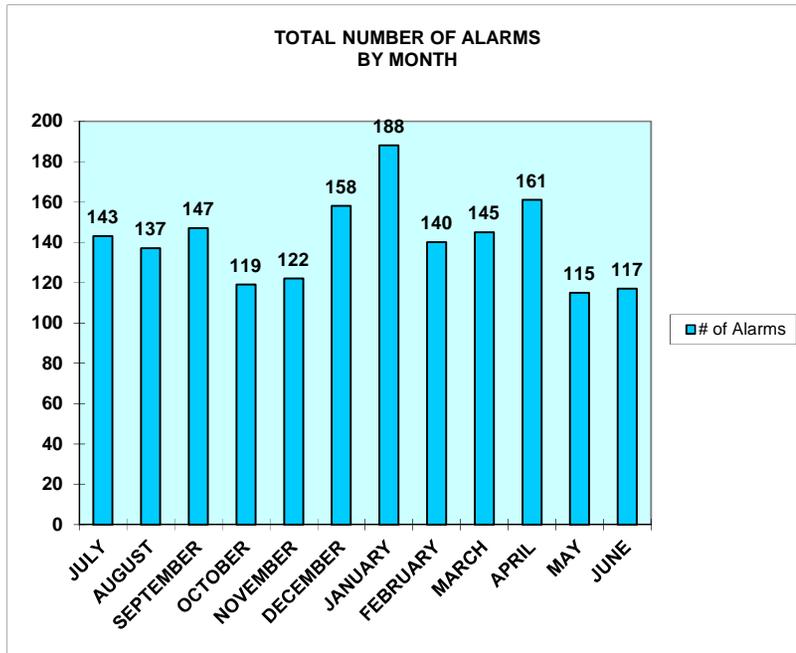
FF Henry Davis
FF Ikaika Blackburn
Captain Lee Theros
FFIII Gavin Fujioka
FF Michael Gormley



C WATCH

FF John Teves
FF Jeremy Loque
Captain Steven Thyne
FFIII Leomer Domingo
FF Seth Herrick

WAILUKU FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR					
COMPARATIVE SUMMARY					
WAILUKU STATION					
MONTH	2010	2011	2012	2013	2014
JULY	102	118	87	95	143
AUGUST	68	100	101	110	137
SEPTEMBER	69	80	96	87	147
OCTOBER	100	74	99	106	119
NOVEMBER	98	96	77	96	122
DECEMBER	106	96	99	122	158
JANUARY	75	96	89	122	188
FEBRUARY	90	86	91	103	140
MARCH	93	100	114	123	145
APRIL	101	74	89	98	161
MAY	72	100	85	136	115
JUNE	78	73	85	102	117
TOTAL	1052	1,093	1,112	1,300	1,692

Wailuku Fire Station has a total of fifteen personnel: three Captains, three Firefighter III's, and nine Firefighters I's. Wailuku Station houses one Engine Company. There are five personnel on duty daily. The Wailuku District sustained a total dollar loss of \$1,793,850 during this fiscal year.

PAIA FIRE STATION
179 Hana Highway
Paia, HI 96779
(808)579-9588



A WATCH

FF John Guard
Captain Craig Drinkward
FF Cody Cordeiro
FF Keola Nakoa (B Watch)
(not pictured)
FF Joshua Dukes
FFIII James Blando

B WATCH

Captain Roger Agdeppa
FF Keola Nakoa
FF Cory Palmeira
FF Andrew Kittleson
FFIII Patrick Fukuda

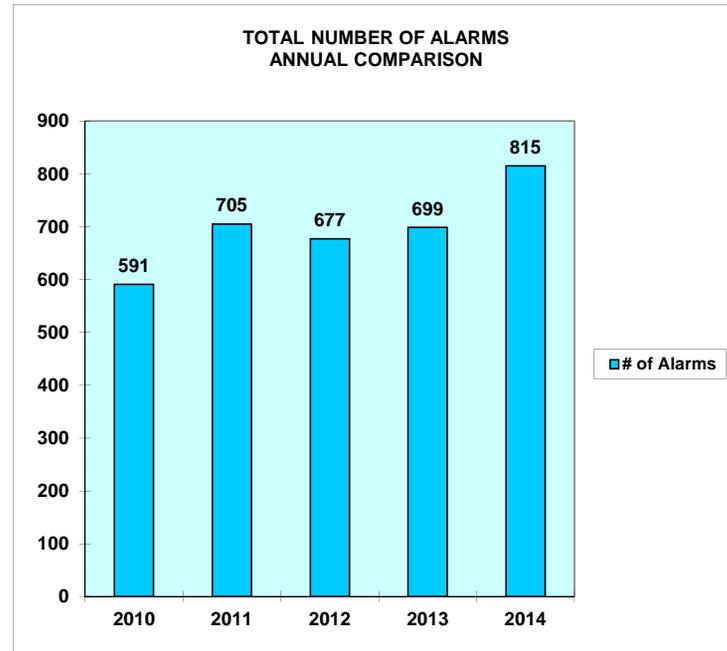
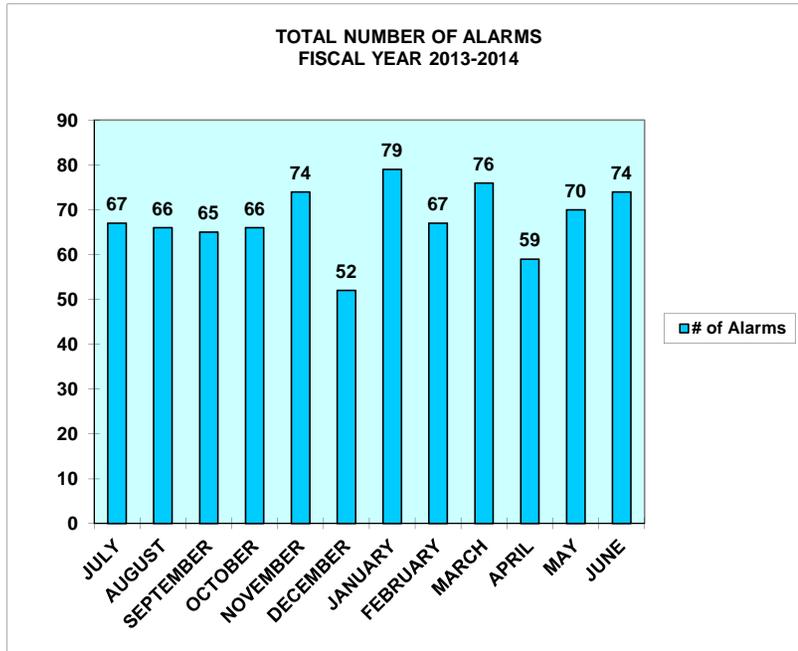


C WATCH

Captain Ben Bland
FF III Vince Steves
FF Matthew Kinoshita
FF Nicholas Perisin
(not pictured)
FF Merritt Kaufman



PAIA FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY PAIA STATION					
MONTH	2010	2011	2012	2013	2014
JULY	53	78	57	34	67
AUGUST	44	63	43	66	66
SEPTEMBER	43	47	51	47	65
OCTOBER	52	42	58	59	66
NOVEMBER	38	56	48	56	74
DECEMBER	62	49	58	58	52
JANUARY	61	64	94	70	79
FEBRUARY	46	60	53	66	67
MARCH	46	53	65	63	76
APRIL	39	47	55	58	59
MAY	54	79	52	65	70
JUNE	53	67	43	57	74
TOTAL	591	705	677	699	815

Paia Fire Station has a total staffing of fifteen personnel. Three Captains, three Firefighter III's, and nine Firefighters I's. Paia Station houses one Engine Company. There are five personnel on duty daily. The Paia District sustained a total estimated dollar loss of \$411,112.00 during this fiscal year.

LAHAINA FIRE STATION
1860 Honoapi'ilani Highway
Lahaina, HI 96761
(808)661-4065



ENGINE A WATCH

FF Keahi Ho, FF Michael Howe, Captain Patrick Shipman, FF III Kenyon Smith *(not pictured)* FF III Tracy Nakagawa, FF Michael Kalalau

LADDER A WATCH

FF Joshua Naeole, Captain Kevin McAfee, FF Kristopher Stadler, *(not pictured)* FF Brian Ferrari, FF III Peter Gand,



Battalion Chief
Amos
Lonokailua-Hewett



ENGINE B WATCH

FF Dana Anderson
FF Kai Evermore
Captain Steven Lee
FF III Kenhart Tancayo
FF III Keola Robinson
(not pictured)
Battalion Chief Louis Romero



LAHAINA FIRE STATION

1860 Honoapi'ilani Highway
Lahaina, HI 96761
(808)661-4065



LADDER B WATCH

FF Kamuela Guth
FF III Chad Sambrano
Captain Kelan Puaa
FF Jacob Souki
FF Bradley Liu



ENGINE C WATCH

Captain Kaimiola Andrade, FFIII Steven Schafer, FFIII Kalani Nicholls, FF Reza Azman, FF Steven O'Donnell
(not pictured) FF Bryan Staubitser



C WATCH

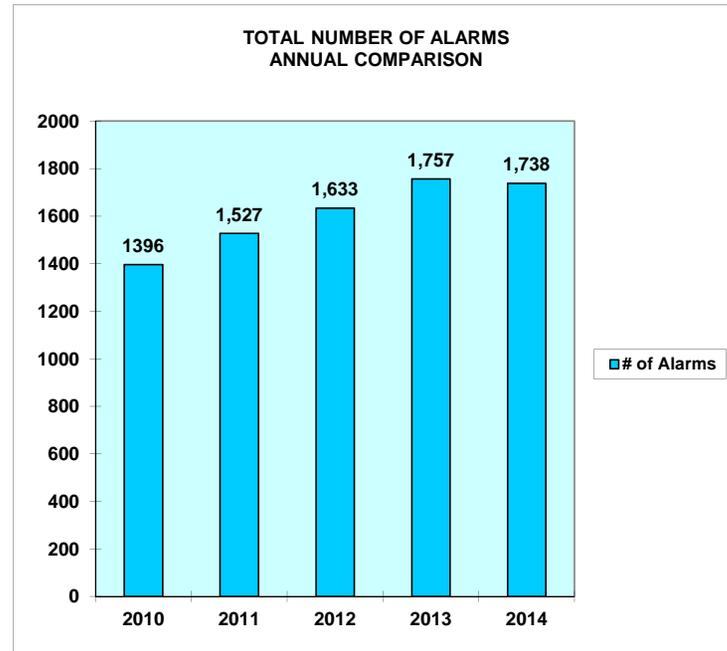
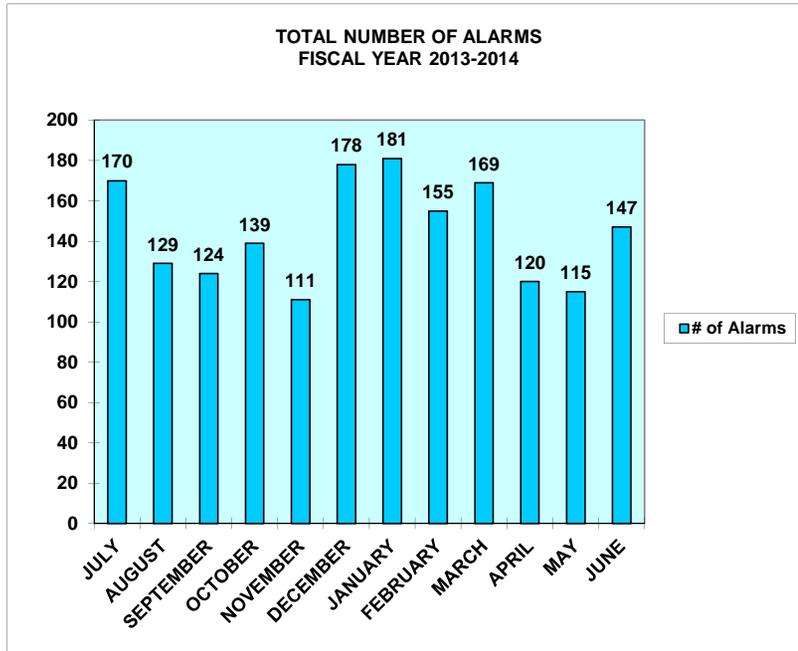
Captain Kaimiola Andrade, Captain Geoffrey Bogar, FFIII Steven Schafer, Battalion Chief Ryan Ayakawa, FF Reza Azman, FFIII Thomas Gann, FF Elven Ventura, FF Kalani Nicholls, FF Steven O'Donnell



LADDER C WATCH

FF Brett Collett (E14A), FF Elven Ventura, Captain Geoffrey Bogar, FFIII Thomas Gann
(not pictured) FF Robert Alexander, FF James Case

LAHAINA FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY LAHAINA STATION					
MONTH	2010	2011	2012	2013	2014
JULY	113	171	177	146	170
AUGUST	95	133	115	161	129
SEPTEMBER	90	104	127	116	124
OCTOBER	120	129	128	115	139
NOVEMBER	124	123	151	115	111
DECEMBER	130	93	112	149	178
JANUARY	107	142	144	153	181
FEBRUARY	116	104	138	138	155
MARCH	132	112	163	176	169
APRIL	123	121	121	146	120
MAY	116	167	146	192	115
JUNE	130	128	111	150	147
TOTAL	1396	1,527	1,633	1,757	1,738

Lahaina Fire Station has a total of 33 personnel: six Captains, nine Firefighter III's, and eighteen Firefighters I's. Lahaina Station houses one Engine Company, one Ladder Company, and one Tanker. Eleven personnel are on duty daily. The Lahaina District sustained a total estimated dollar loss of \$134,900.00 during this fiscal year.

KAUNAKAKAI FIRE STATION

120 Alanui Ka 'Imi 'Ike Street
Kaunakakai, HI 96748
(808)553-5601



A WATCH

FFIII Larry Rawlins
 Captain Sean Simon
 FF Tyson Santiago
 FFIII Jorgen Busby
 FF Lee Moyers
 FF Jay Duquette

B WATCH (not pictured)

Captain Kekoa Puhi
 FFIII Nathan Oshiro
 FFIII Zachary Crowder
 FF Kaleo Puaa
 FF Kahiwa McVay
 FF Richard Alcon

C WATCH

FFIII Jason Gamiao
 FFIII Lokahi Herrod
 Captain Henry Lindo
(not pictured)
 FF Lono Poepoe
 FF Robert Low
 FF Vietnam Nguyen



HO'OLEHUA FIRE STATION

2190 Farrington Highway

Kualapu'u, HI 96757

(808)567-6525



A WATCH

FF Noa John Horner

FF Steven Graver (E11A)

FF Isaiah Bicoy

FFIII John Rosa

Captain Kaulana Kino

(not pictured)

FF Ian Pascua

B WATCH

Captain Gregory Jenkins

FFIII Edmond Wong-Leong

FF Nathan Horner

FF Noa Kalanihuia

FF La'akea Poepoe



C WATCH

Captain Godfrey Akaka

FF William Castor

FFIII J. Aaron Boswell

(not pictured)

FF Stephen Kroon

FF Isaiah Guth



PUKOO FIRE STATION
Kamehameha V Highway
HC-01 Box 761
Kaunakakai, HI 96748
(808)558-8580



Photo Credit: firehouse.com



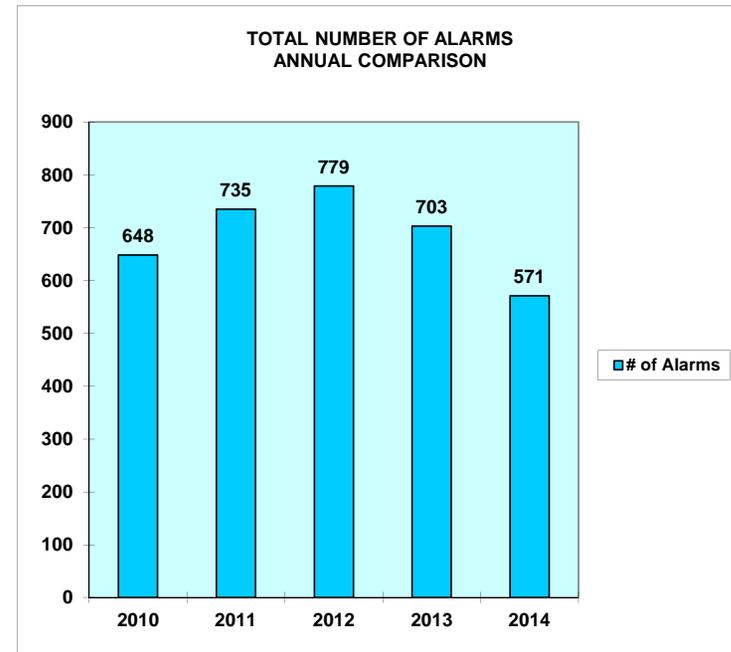
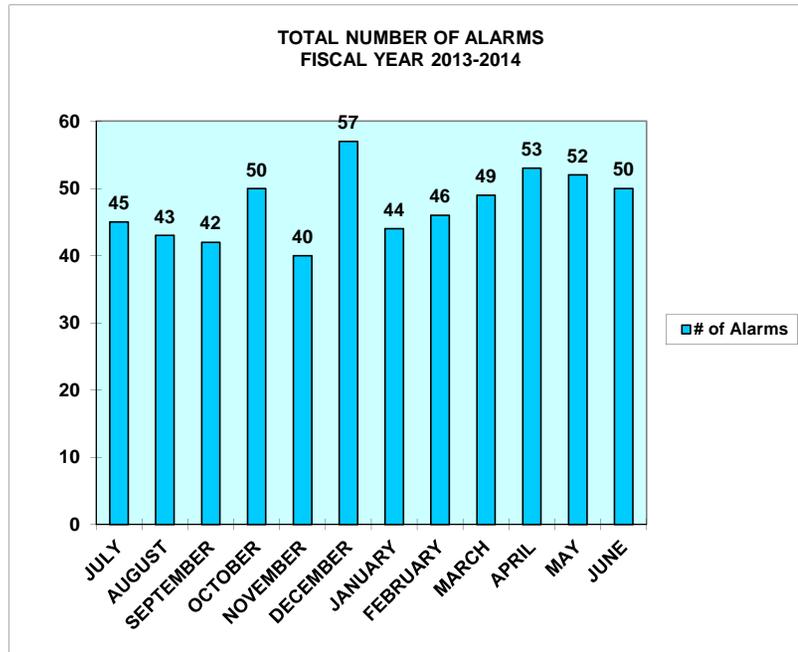
A Watch
FFIII Kaipo Poepoe
FF Shane Bush



B Watch
(not pictured)
FFIII Wayne Tashiro
FF Philip Kalipi

C Watch
FFIII Nathan Ignacio
FF Solomon Maliu

MOLOKA'I FIRE STATIONS



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR					
COMPARATIVE SUMMARY					
MOLOKA'I STATION					
MONTH	2010	2011	2012	2013	2014
JULY	85	52	50	57	45
AUGUST	36	65	68	52	43
SEPTEMBER	37	58	71	79	42
OCTOBER	58	64	75	60	50
NOVEMBER	38	63	80	62	40
DECEMBER	52	64	60	61	57
JANUARY	56	58	81	50	44
FEBRUARY	56	47	56	51	46
MARCH	58	78	54	67	49
APRIL	53	54	55	53	53
MAY	62	76	66	51	52
JUNE	57	56	63	60	50
TOTAL	648	735	779	703	571

The Island of Moloka'i has three stations, one in Ho'olehua, one in Puko'o, and one in Kaunakakai. Together, the total staffing is 39 personnel. Thirteen personnel are on duty between all three stations daily. The Moloka'i District sustained a total estimated dollar loss of \$8,500.00 during this fiscal year.

MAKAWAO FIRE STATION

134 Makawao Avenue

Makawao, HI 96768

(808)572-9160



A WATCH

FF Shane Dudoit

FFIII Todd Teraoka

FF Reed Arisumi

Captain Jasen Andrade

(not pictured)

FF John Devlin

B WATCH

FF Darrell Aea, Jr.

FF Patrick Blackburn

FFIII Darrin Almeida

Captain Lionel Montalvo

FF Bronson Pocock



C WATCH

FF Loea Chang

Captain Charles Smith

FF Kodi Shepley

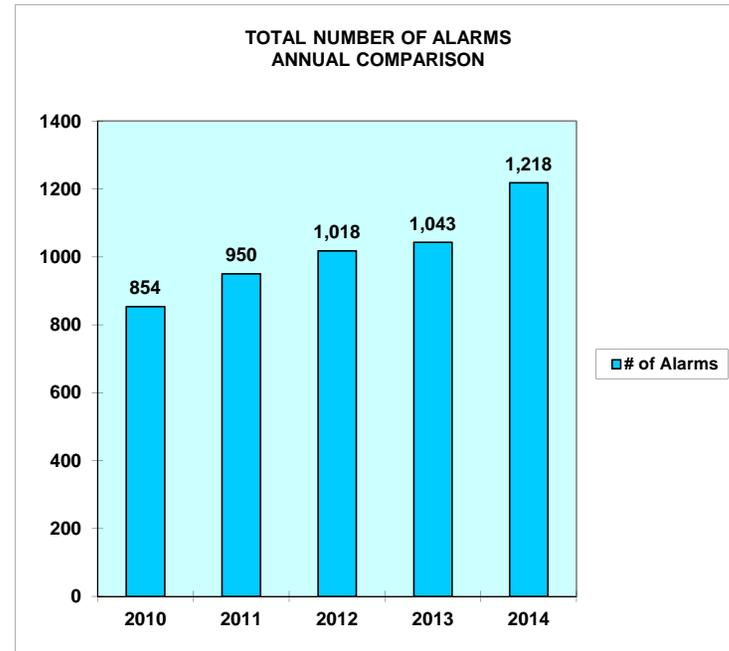
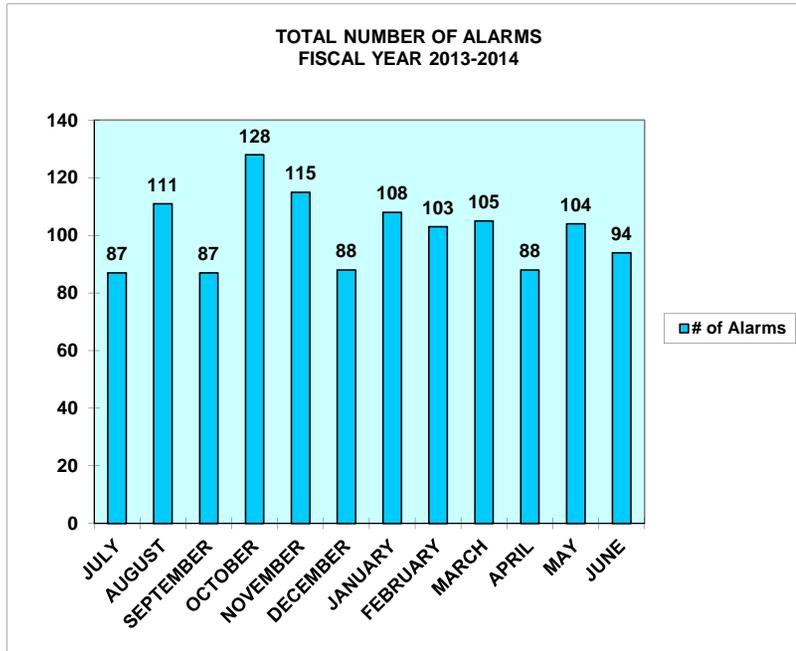
FFIII Todd Teraoka (E5A)

(not pictured)

FFIII Alexander Parker

FF Thomas Devereux

MAKAWAO FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR					
COMPARATIVE SUMMARY					
MAKAWAO STATION					
MONTH	2010	2011	2012	2013	2014
JULY	77	111	81	79	87
AUGUST	54	76	74	80	111
SEPTEMBER	65	56	85	88	87
OCTOBER	75	62	77	73	128
NOVEMBER	70	85	99	79	115
DECEMBER	84	69	97	104	88
JANUARY	72	71	91	83	108
FEBRUARY	69	85	86	82	103
MARCH	73	94	84	90	105
APRIL	52	59	79	83	88
MAY	78	109	79	101	104
JUNE	85	73	86	101	94
TOTAL	854	950	1,018	1,043	1,218

Makawao Fire Station has a total of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter I's. Makawao Station houses one Engine Company. There are five personnel on duty daily. The Makawao District sustained a total estimated dollar loss of \$19,700.00 during this fiscal year.

KIHEI FIRE STATION
11 Waimahaihai Street
Kihei, HI 96753
(808)879-2741



A WATCH

Captain Bram Denhaan
FF Jeffrey Robson
FF Kristopher Stankis
FFIII Kevin Segundo
(not pictured)
FF Richard Clayton



B WATCH

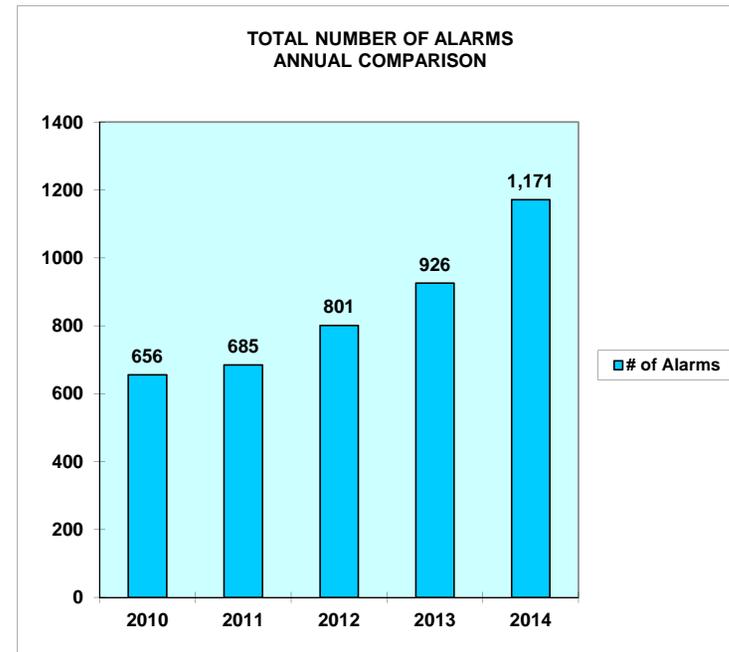
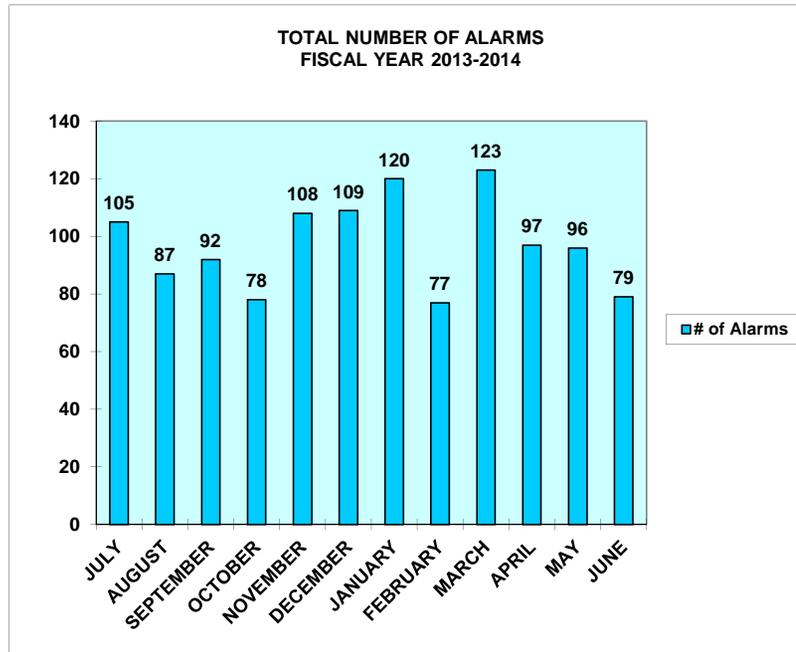
FF Nohea Williams
FF Tyler Pascual
Captain Nelson Saribay
FF Kirk Yagi
FFIII Kyle Farm



C WATCH

Captain Scott Martin
FF Steven Farwig
FFIII Erik Arensdorf
(not pictured)
FF Micahel Neubauer

KIHEI FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY KIHEI STATION					
MONTH	2010	2011	2012	2013	2014
JULY	62	63	65	68	105
AUGUST	41	53	65	59	87
SEPTEMBER	54	46	72	60	92
OCTOBER	52	52	69	64	78
NOVEMBER	62	59	52	100	108
DECEMBER	57	56	65	77	109
JANUARY	54	66	75	91	120
FEBRUARY	48	59	79	58	77
MARCH	62	58	86	119	123
APRIL	43	65	55	79	97
MAY	60	51	53	83	96
JUNE	61	57	65	68	79
TOTAL	656	685	801	926	1,171

Kihei Fire Station has a total of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter I's. Kihei Station houses one Engine Company. There are five personnel on duty daily. The Kihei District sustained a total estimated dollar loss of \$756,700.00 during this fiscal year.

HANA FIRE STATION

1655 Hana Highway
Hana, HI 96713
(808)248-7525

A WATCH

FF William Hodgins
FF Kaulana Mossman
Captain Kaipō Kahai
FF Joseph Shutsa
FFIII Carl Bertelmann



Red Sands Rescue 2014



B WATCH

(not pictured)

Captain Steven Eminger
FFIII Scott Perry
FF Theodore Meyers



L-R: FF Hans Dubach (E7C), FF Darryl Boeche (E14A), FF William Tackaberry (E7C)

HANA FIRE STATION
1655 Hana Highway
Hana, HI 96713
(808)248-7525



C WATCH
Captain Gale
Notestone



L-R: FF Kamaui Aiona (E7B), FF Hans
Dubach (E7C), FF James Williams (E7B)

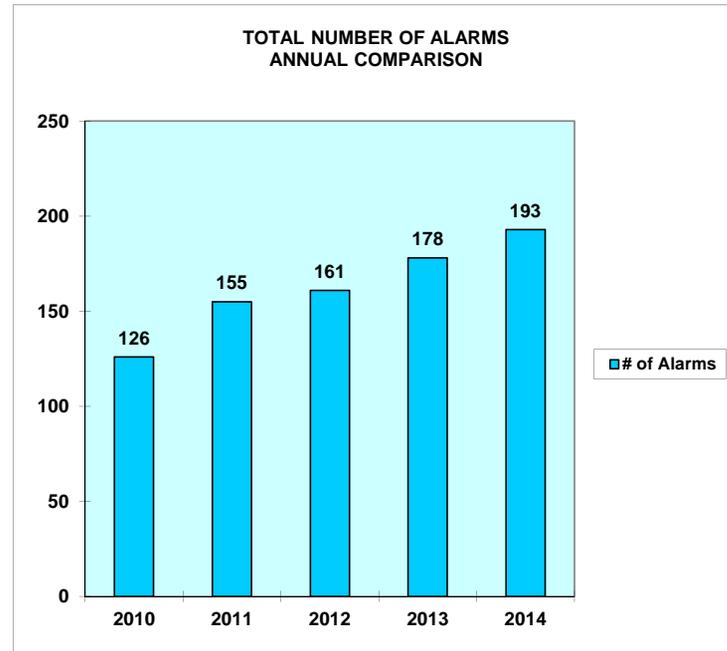
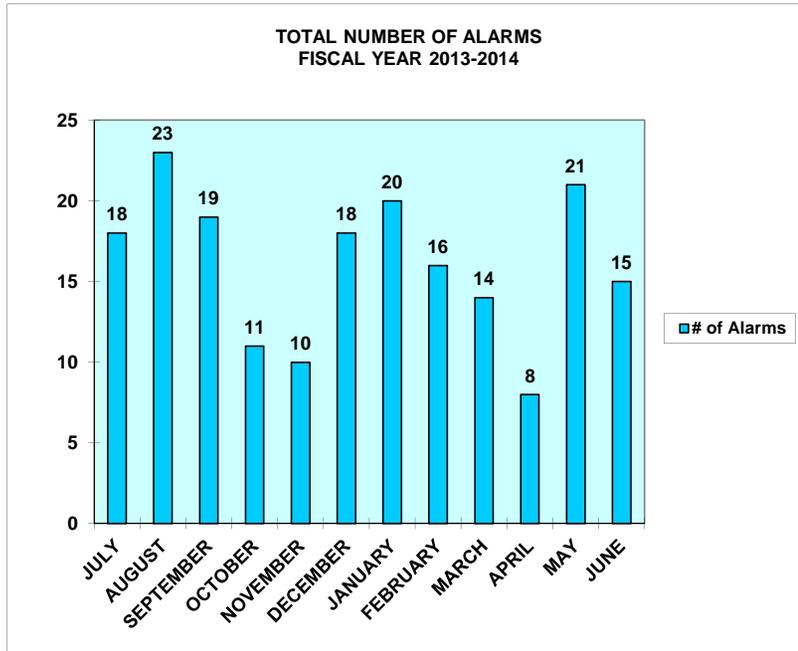


L-R: FF Tackaberry, FF Dubach,
FF Chad Woolley (E7C)



C Watch
FFIII Uilani Gomes

HANA FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY HANA STATION					
MONTH	2010	2011	2012	2013	2014
JULY	12	16	9	16	18
AUGUST	2	16	13	15	23
SEPTEMBER	11	10	22	13	19
OCTOBER	6	13	8	12	11
NOVEMBER	9	10	10	11	10
DECEMBER	11	17	3	20	18
JANUARY	12	16	19	21	20
FEBRUARY	14	6	16	12	16
MARCH	9	18	10	13	14
APRIL	8	8	14	15	8
MAY	20	15	22	19	21
JUNE	12	10	15	11	15
TOTAL	126	155	161	178	193

Hana Fire Station has a total of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter I's.
Hana Station houses one Engine Company. There are five personnel on duty daily.
The Hana District sustained a total estimated dollar loss of \$3,000.00 during this fiscal year.

LANA'I FIRE STATION

1345 Fraser Avenue

Lanai City, HI 96763

(808)565-7474

A WATCH

Captain Craig Hanchett

FF Jonathan Takitani

FF Chase Johnson

FFIII Nathan Nishiki

FFIII Edwin Barrett

(not pictured)

FF Mark Cluney



B WATCH

Captain Jonathan Preza, FFIII Eric

Baldeviso, FF Jon Oura, FFIII Vernon

Patao, FF Brandon Sturm

(not pictured) FF Nathanael Ham



C WATCH

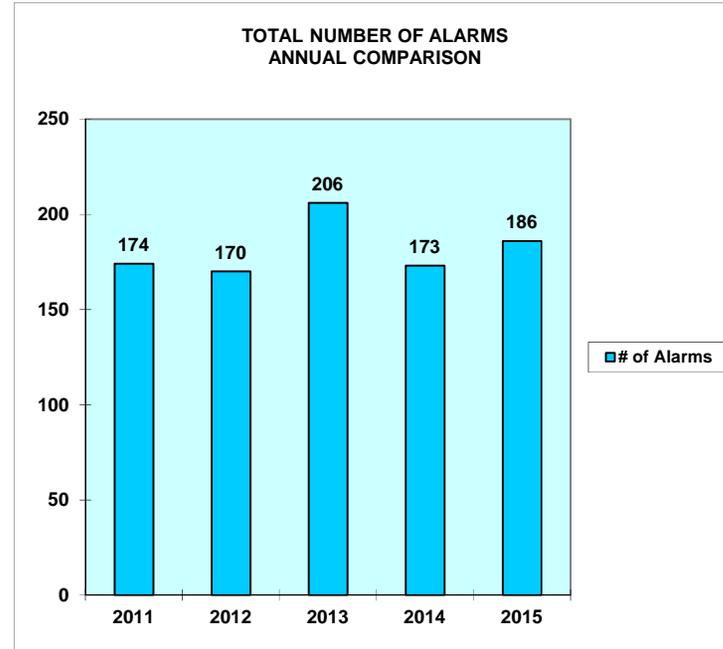
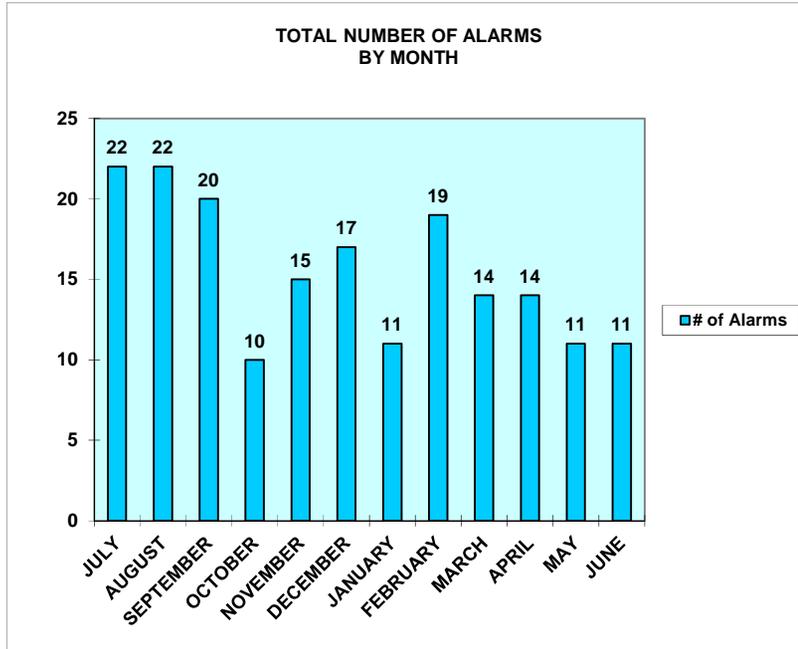
FF Ryan Watanabe, FF Terry Gumz, FF

Sean Richardson, Captain Todd

McDonald, FFIII Darlan Corpuz

(not pictured) FFIII Ryan Higa

LANA'I FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR					
COMPARATIVE SUMMARY					
LANA'I STATION					
MONTH	2011	2012	2013	2014	2015
JULY	24	19	18	14	22
AUGUST	21	9	8	16	22
SEPTEMBER	12	8	12	16	20
OCTOBER	14	16	28	19	10
NOVEMBER	9	14	20	13	15
DECEMBER	17	11	17	13	17
JANUARY	18	11	13	17	11
FEBRUARY	15	12	17	11	19
MARCH	14	15	23	13	14
APRIL	10	10	14	16	14
MAY	11	20	20	13	11
JUNE	9	25	16	12	11
TOTAL	174	170	206	173	186

Lana'i Fire Station has a total staffing of 18 personnel. Three captains, six Firefighter III's, and nine Firefighter I's. Lana'i Station houses one Engine Company and one Tanker. There are six personnel on duty daily. The Lana'i District sustained \$50.00 in reported fire losses during this fiscal year.

KAHULUI FIRE STATION

ENGINE 10 & TANKER 10

200 Dairy Road
Kahului, HI 96732
(808)270-7911



Battalion
Chief Allen
Duarte

A WATCH: FFIII Timothy Herrick,
Captain Mark Pokini, FFIII Carlton Long
(T10), FF Jack Smith, FF Nikolai Reuss
(not pictured) FF

Vance Pu



Battalion
Chief Wayne
Cambra

B WATCH: FF Charles Eckart, FFIII Angus
Peters (T10), FFIII Henry Patao
FFII Simeon Alo (H10B)

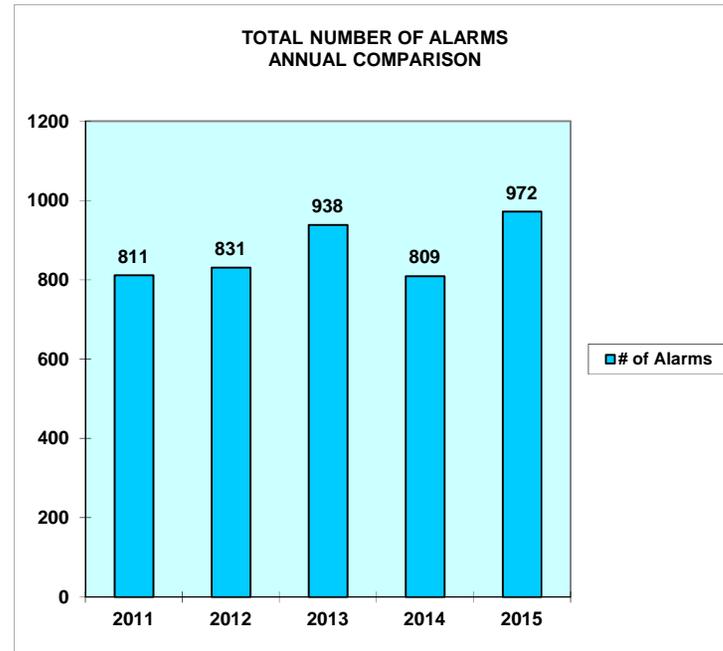
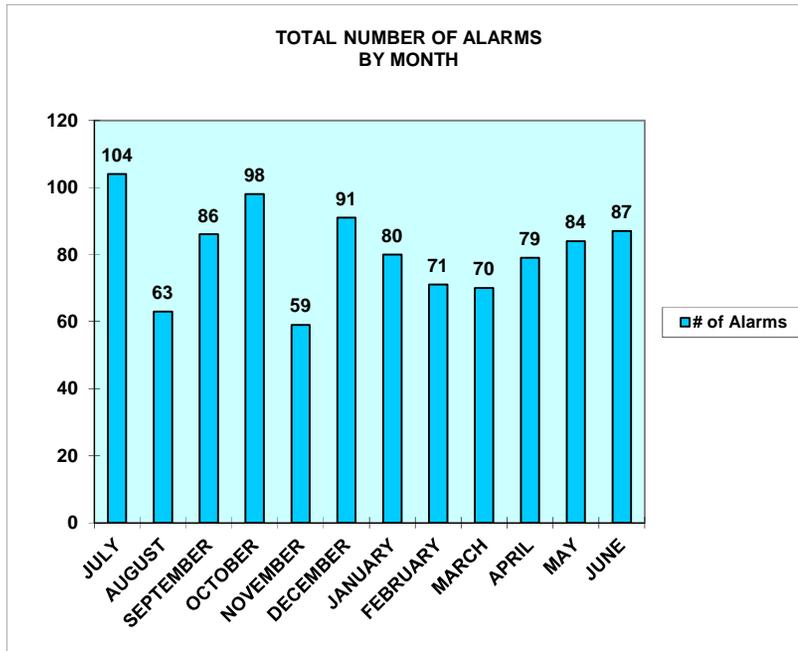
(not pictured) Captain William Barut, FF
Steven Warther, FF John Tualemoso



C WATCH

(1st Row) FF Jerime Storey, FF Tye
Perdido, FFIII Peter Vanderpoel (T10),
Captain Guy Danley, FF Jonathan
Duncan, FFIII Spencer Rodrigues,
Battalion Chief Richard Kawasaki

KAHULUI FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR					
COMPARATIVE SUMMARY					
KAHULUI STATION					
MONTH	2011	2012	2013	2014	2015
JULY	112	78	84	86	104
AUGUST	96	71	80	60	63
SEPTEMBER	63	70	60	68	86
OCTOBER	54	87	74	68	98
NOVEMBER	55	62	76	60	59
DECEMBER	61	71	87	85	91
JANUARY	63	74	93	76	80
FEBRUARY	55	66	68	44	71
MARCH	70	64	68	74	70
APRIL	55	63	60	77	79
MAY	71	62	80	65	84
JUNE	56	63	108	46	87
TOTAL	811	831	938	809	972

Kahului Fire Station has a total of 18 personnel. Three captains, six Firefighter III's, and nine Firefighter I's. Kahului Station houses one Engine Company and one Tanker. There are six personnel on duty daily. The Kahului District sustained \$61,250.00 in reported fire losses this fiscal year.

KAHULUI FIRE STATION HAZMAT 10

A WATCH Captain Jeffrey Kihune, FFIII Rockne Matsuda, FFII Steven Haban, FFII Richard Apana (not pictured) FFII Jeremy-Bo Irvine



Photo Credit: BC Rick Kawasaki

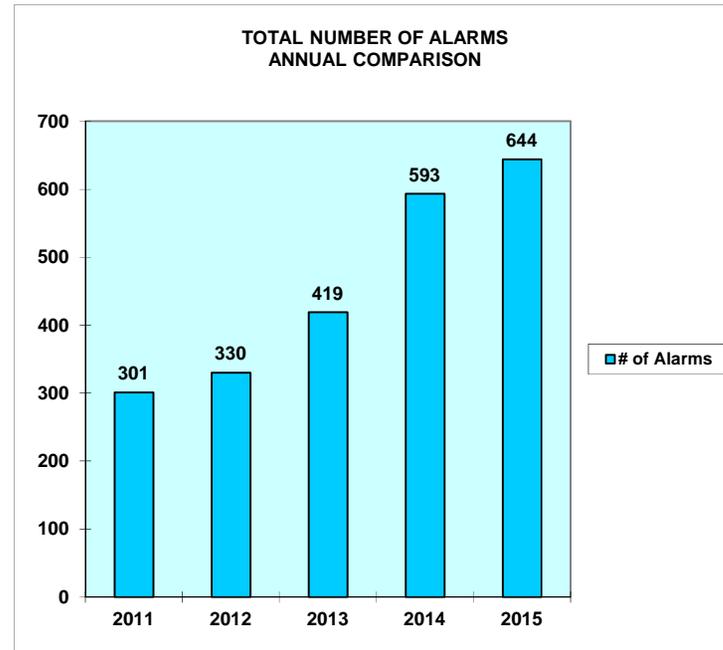
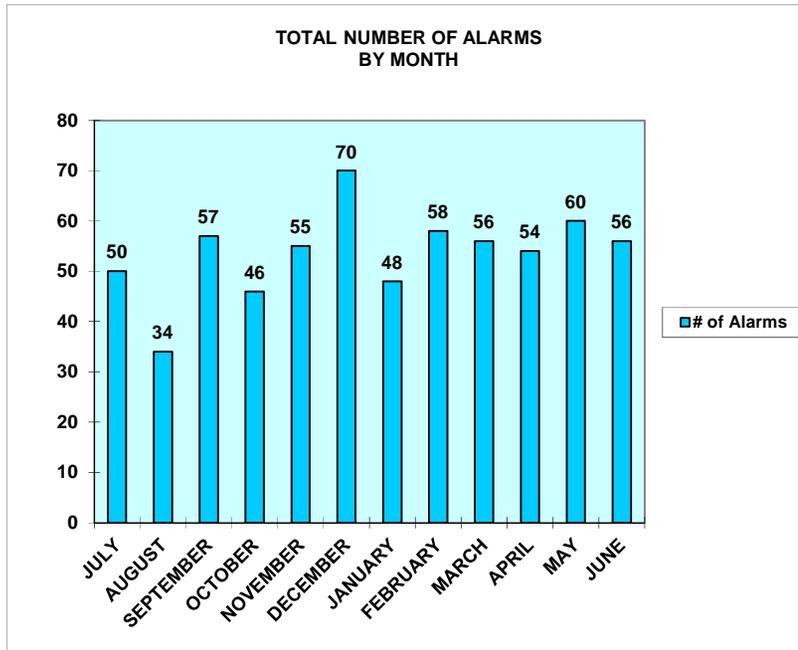


B WATCH (1st Row): FFII Ray Watanabe, FFII Daniel Laferriere
(2nd Row): FFII Simeon Alo, Captain Chad Pacheco, FFIII Jarret Roback



C WATCH FFII Shawn Kiesel, Captain Jeffrey Giese, FFII James Deatrick, FFII La'akea Chang (not pictured) FFIII Timothy O'Connor

KAHULUI FIRE STATION - HAZMAT



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY KAHULUI STATION - HAZMAT					
MONTH	2011	2012	2013	2014	2015
JULY	28	29	25	40	50
AUGUST	24	22	41	31	34
SEPTEMBER	30	32	33	34	57
OCTOBER	18	25	32	46	46
NOVEMBER	29	29	33	60	55
DECEMBER	30	26	35	59	70
JANUARY	21	25	32	76	48
FEBRUARY	23	25	27	46	58
MARCH	27	27	38	58	56
APRIL	17	30	30	52	54
MAY	29	27	45	46	60
JUNE	25	33	48	45	56
TOTAL	301	330	419	593	644

The Hazmat Company at Kahului Station has a total staffing of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter II's. There are five personnel on duty daily.

KAHULUI FIRE STATION RESCUE 10



A WATCH FFII Kyle Williams, FFII Simon Quirk, Captain Kapala Novikoff, FFIII Alma Aiwohi, FFII Dennis Swain

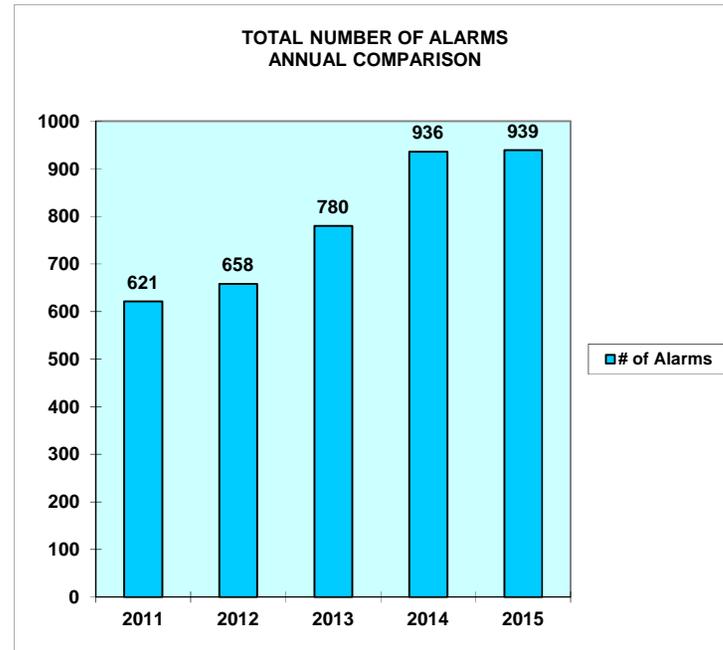
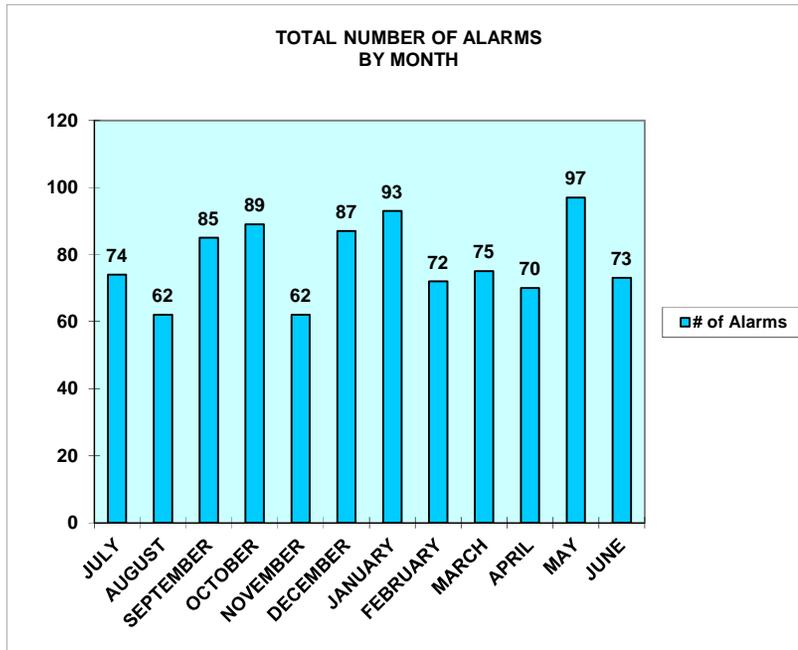


B WATCH FFII Matthew Akiona, FFIII Elvin Kamoku, Captain Brandy Lee, FFII Kanoa Shannon, FFII Jay Sniffen



C WATCH FFIII Peter Napolitano, FFII Shane Adolpho, FFII Clement Enomoto, Captain Jamie Joyo (not pictured) FFII Beau Gaddis

KAHULUI FIRE STATION - RESCUE



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY KAHULUI STATION - RESCUE					
MONTH	2011	2012	2013	2014	2015
JULY	60	57	64	80	74
AUGUST	41	43	70	82	62
SEPTEMBER	42	59	70	72	85
OCTOBER	46	49	45	62	89
NOVEMBER	50	62	58	70	62
DECEMBER	64	55	72	84	87
JANUARY	57	57	77	91	93
FEBRUARY	37	46	71	63	72
MARCH	62	65	68	88	75
APRIL	40	51	52	78	70
MAY	69	48	73	82	97
JUNE	53	66	60	84	73
TOTAL	621	658	780	936	939

The Rescue Company at Kahului Station has a total staffing of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter II's. There are five personnel on duty daily.

NAPILI FIRE STATION

4950 Hanawai Place

Lahaina, HI 96761

(808)669-4300



A WATCH

FF Steven Graver

FF Russell Jones

FF Matthew Ramsey

FFIII Michael Mullalley

Captain Shawn Rogers

B WATCH

Captain Derrick Chai

FFIII Kaleo Kealoha

FF Taye Soares

FF Michael Grimes

FF Kai McLaughlin



C WATCH

FFIII Roderick Quintana

Captain Bradford Ventura

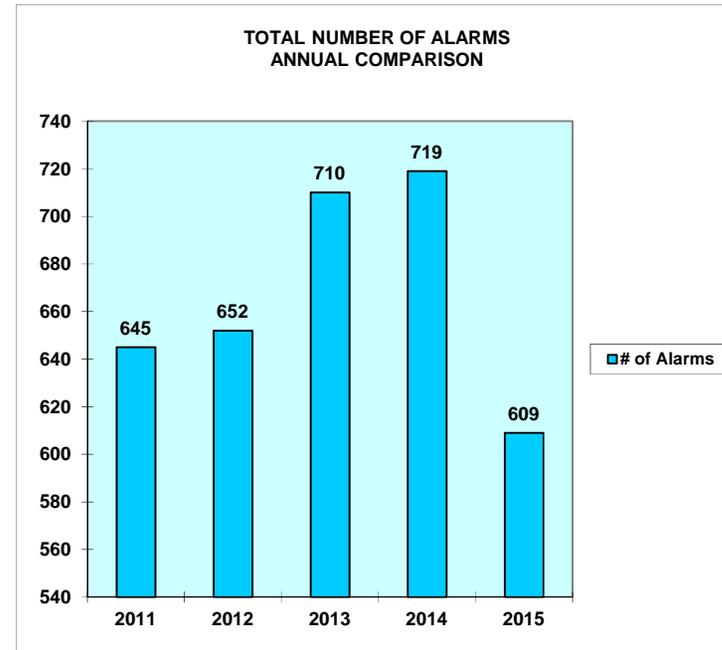
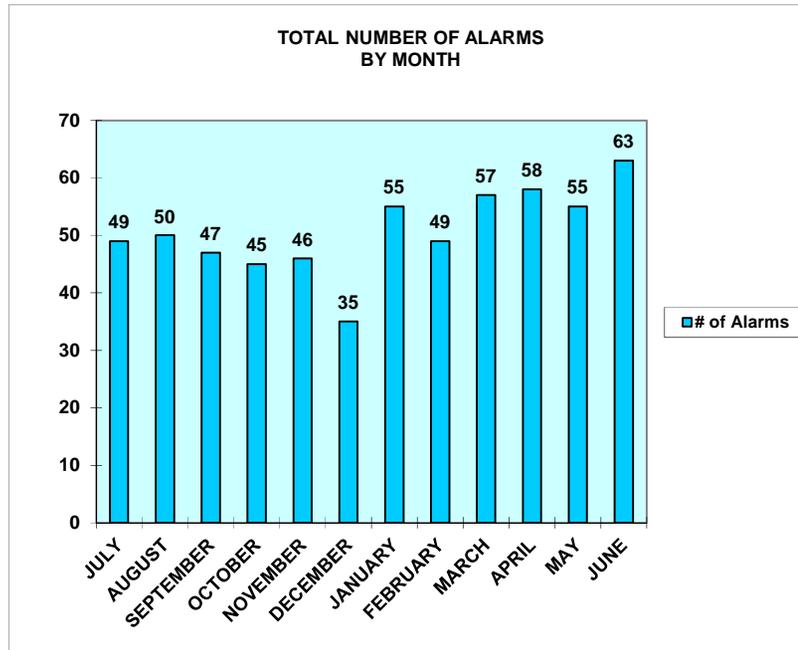
FF Jason Sanchez

FF Kanoa Nishiki

(not pictured)

FF Evan Johnson

NAPILI FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR					
COMPARATIVE SUMMARY					
NAPILI STATION					
MONTH	2011	2012	2013	2014	2015
JULY	62	66	50	70	49
AUGUST	52	57	51	56	50
SEPTEMBER	47	65	53	47	47
OCTOBER	42	44	53	53	45
NOVEMBER	40	42	51	50	46
DECEMBER	56	42	87	60	35
JANUARY	54	55	68	87	55
FEBRUARY	73	65	57	74	49
MARCH	54	57	67	65	57
APRIL	48	71	68	56	58
MAY	66	50	45	54	55
JUNE	51	38	60	47	63
TOTAL	645	652	710	719	609

The Napili Fire Station has a total staffing of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter I's. The Napili Station houses one Engine Company. There are five personnel on duty daily. The Napili District sustained \$8,600.00 in reported dollar losses this fiscal year.

KULA FIRE STATION

199 Calasa Road

Kula, HI 96790

(808)876-0044



A WATCH

FF George Dagan

Captain Sheldon Holokai

FF Wade Orikasa

FF Ross Cluney

(not pictured)

FFIII Jerry Painter

B WATCH

FF Edward Almeida

FF Aaron Hughes

Captain James Brent

FF Myles Ornellas



C WATCH

Captain Michael MacDougall

FFIII Glenn Okazaki

FF Daniel Wallace

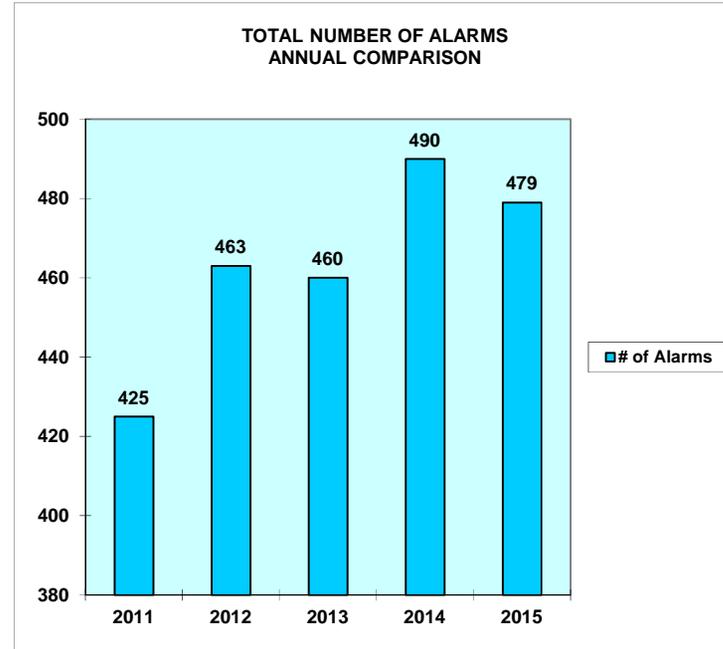
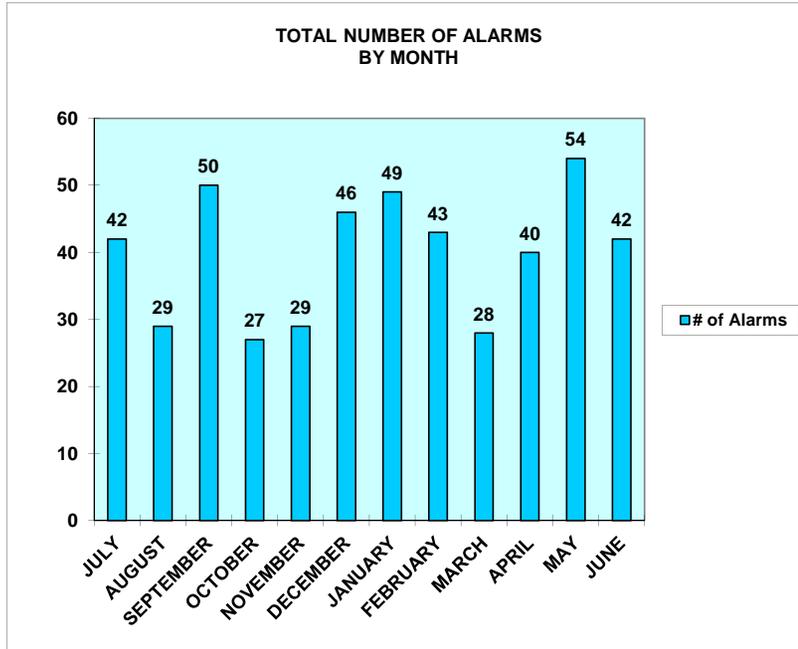
FF Michael Warman

(not pictured)

FF Troy Tendo



KULA FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY KULA STATION					
MONTH	2011	2012	2013	2014	2015
JULY	50	51	39	52	42
AUGUST	51	40	34	32	29
SEPTEMBER	27	35	43	39	50
OCTOBER	23	30	42	29	27
NOVEMBER	33	33	31	44	29
DECEMBER	35	38	35	37	46
JANUARY	39	47	41	48	49
FEBRUARY	35	24	35	40	43
MARCH	34	45	37	48	28
APRIL	25	38	38	38	40
MAY	36	33	49	37	54
JUNE	37	49	36	46	42
TOTAL	425	463	460	490	479

The Kula Fire Station has a total staffing of 15 personnel. Three captains, three Firefighter III's, and nine Firefighter I's. The Kula Station houses one Engine Company. There are five personnel on duty daily. The Kula District sustained \$41,257.00 in reported dollar losses in this fiscal year.

WAILEA FIRE STATION

300 Kilohana Drive
Kihei, HI 96753
(808)874-8520



FFIII William
Jacinto
(T14)

ENGINE A WATCH: FFIII Jesse Aloy, Captain David Fenton, FF Nicholas Tanaka, FF Chad Leggett (*not pictured*) FF Daryl Boeche

LADDER A WATCH: FF Anthony Twarowski, FFIII Kapono Stupplebeen, Captain Eric Neuhart, FF Clifford Nakoa, FF Conrad Guerrero



ENGINE B WATCH

FF Kealii Murray
FFIII Jodi Ebisu
FF Oliver Vaas
FFIII Jeffrey Watanabe
FF Micah Palmerton
Captain Michael Werner

WAILEA FIRE STATION
300 Kilohana Drive
Kihei, HI 96753
(808)874-8520



LADDER B WATCH

FF Jerry Javier
Captain Kawahamae Andrade
FFIII David Yoshida
FF Cody Souza
(not pictured)
FF David Kamalani

ENGINE C WATCH

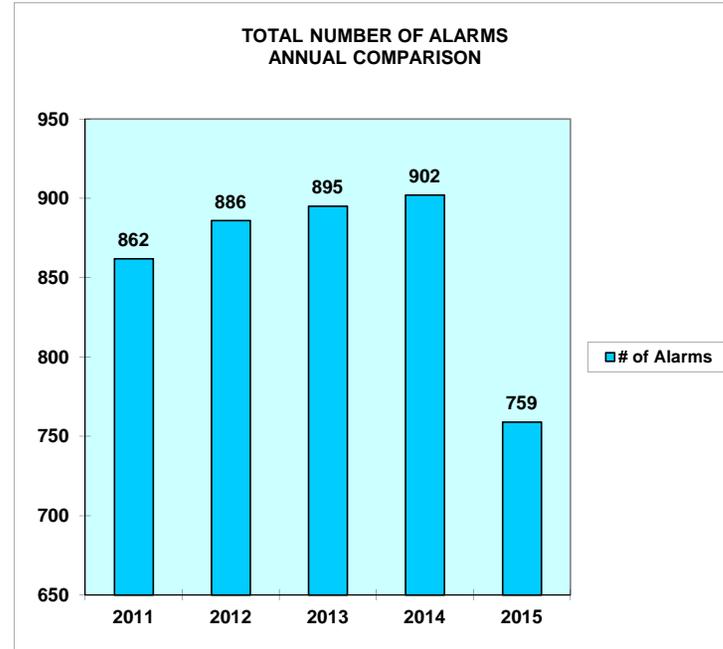
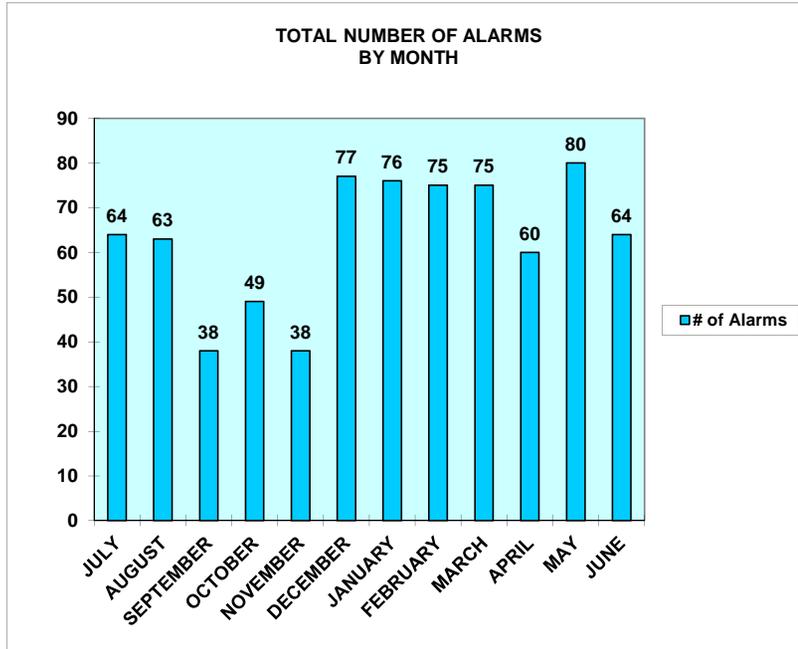
Captain Craig Delos Santos
FF Kaipo Tsark
FF Brett Collett
FFIII Jeremy Javier
(not pictured)
FFIII Duane Handley (T14)
FF Matthew Paet



LADDER C WATCH

FF Jeremy Evert
FF Kellen Yap
FF Kaunoha Hong
Captain Christopher Platiro
FFIII Ross Ohigashi

WAILEA FIRE STATION



NUMBER OF ALARMS DURING EACH MONTH OF THE YEAR COMPARATIVE SUMMARY WAILEA STATION					
MONTH	2011	2012	2013	2014	2015
JULY	108	87	71	58	64
AUGUST	61	66	56	79	63
SEPTEMBER	58	69	54	80	38
OCTOBER	68	51	75	98	49
NOVEMBER	69	58	77	95	38
DECEMBER	54	83	84	75	77
JANUARY	79	93	74	81	76
FEBRUARY	66	69	74	73	75
MARCH	71	107	95	69	75
APRIL	93	76	84	52	60
MAY	67	52	66	54	80
JUNE	68	75	85	88	64
TOTAL	862	886	895	902	759

The Wailea Fire Station has a total staffing of 33 personnel. Six Captains, six Firefighter III's, and eighteen Firefighter I's. The Wailea Station houses one Engine and one Ladder Company. There are eleven personnel on duty daily. The Wailea District reported \$6,500 in fire losses in this fiscal year.

ALARM SUMMARY - FISCAL 2015

	WAILUKU	PAIA	LAHAINA	MOLOKAI	MAKAWAO	KIHEI	HANA	LANAI	KAHULUI	RESCUE	NAPILI	KULA	WALEA	TOTAL	
	E-1/M1	E-2/M2	E-3/L-3/T3	E4/T4/E9/E12	E-5	E-6	E-7/M7	E-8/T8	E10/T10	R10/HM10	E-11/M-11	E-13/M-13	E-14/L-14/T-14		
JULY	132	74	149	55	99	118	17	22	104	74	50	49	42	64	1,049
AUGUST	118	84	129	49	96	85	13	22	63	62	34	50	29	63	897
SEPTEMBER	143	74	140	52	88	118	30	20	86	85	57	47	50	38	1,028
OCTOBER	144	63	121	46	114	99	14	10	98	89	46	45	27	49	965
NOVEMBER	124	71	119	61	98	77	12	15	59	62	55	46	29	38	866
DECEMBER	164	57	171	50	106	101	11	17	91	87	70	35	46	77	1,083
JANUARY	153	68	175	56	101	116	14	11	80	93	48	55	49	76	1,095
FEBRUARY	145	54	159	51	111	91	14	19	71	72	58	49	43	75	1,012
MARCH	152	64	154	44	95	88	14	14	70	75	56	57	28	75	986
APRIL	115	65	163	52	77	103	18	14	79	70	54	58	40	60	968
MAY	131	59	153	44	87	95	23	11	84	97	60	55	54	80	1,033
JUNE	159	72	184	40	115	94	23	11	87	73	56	63	42	64	1,083
TOTAL	1,680	805	1,817	600	1,187	1,185	203	186	972	939	644	609	479	759	12,065

DOLLAR LOSSES SUMMARY - FISCAL 2015

	WAILUKU	PAIA	LAHAINA	MOLOKAI	MAKAWAO	KIHEI	HANA	LANAI	KAHULUI	RESCUE	NAPILI	KULA	WALEA	TOTAL	
	E-1	E-2	E-3/L-3	E4/E9/E12	E-5	E-6	E-7	E-8	E10/T10	R10/HM10	E-11	E-13	E-14/L-14/T-14		
JULY	25,150	600	5,000	225,000	8,300	16,500	-	-	21,350	-	-	-	-	-	\$ 301,900.00
AUGUST	43,050	-	900,000	-	1,000	2,000	6,600	-	10,000	-	-	2,013	5,000	-	\$ 969,663.00
SEPTEMBER	1,300	110,000	-	-	-	-	-	-	3,500	-	-	8,600	18,000	-	\$ 141,400.00
OCTOBER	103,500	1,600	200	102,000	700	17,200	15,000	-	4,000	-	-	-	1,244	-	\$ 245,444.00
NOVEMBER	3,000	500	-	200	3,000	1,500	1,500	500	3,500	-	-	-	-	-	\$ 13,700.00
DECEMBER	105,030	1,000	-	-	8,400	200	-	-	2,000	-	-	-	-	-	\$ 116,630.00
JANUARY	360,000	188,000	1,000	-	30,000	8,500	-	-	8,900	-	-	-	-	-	\$ 596,400.00
FEBRUARY	-	-	15,500	-	3,000	-	-	-	-	-	-	-	-	-	\$ 18,500.00
MARCH	56,500	3,000	500	-	-	-	-	-	-	-	-	-	-	-	\$ 60,000.00
APRIL	25,500	5,000	-	-	-	-	-	-	-	-	-	-	-	-	\$ 30,500.00
MAY	1,170,000	-	1,000	-	12,600	-	-	-	8,000	-	-	20,000	1,500	-	\$ 1,213,100.00
JUNE	-	3,000	500	-	1,381	-	-	-	-	-	-	-	-	-	\$ 4,881.00
TOTAL	\$1,893,030	\$312,700	\$923,700	\$327,200	\$68,381	\$45,900	\$23,100	\$500	\$61,250		\$8,600	\$41,257	\$6,500		\$3,712,118

**TRAINING BUREAU
Kahului Fire Station
Administrative Building, 2nd Floor
200 Dairy Road
Kahului, HI 96732
(808) 270-7565**



Office Operations Assistant Gail Morton, Captain Rylan Yatsushiro, FFIII Modesto Jacinto, FFIII Peter Gand (L3A), FFIII Kenyon Smith (E3A), FFIII Uilani-Manu Gomes (E7C)

TRAINING BUREAU ANNUAL REPORT

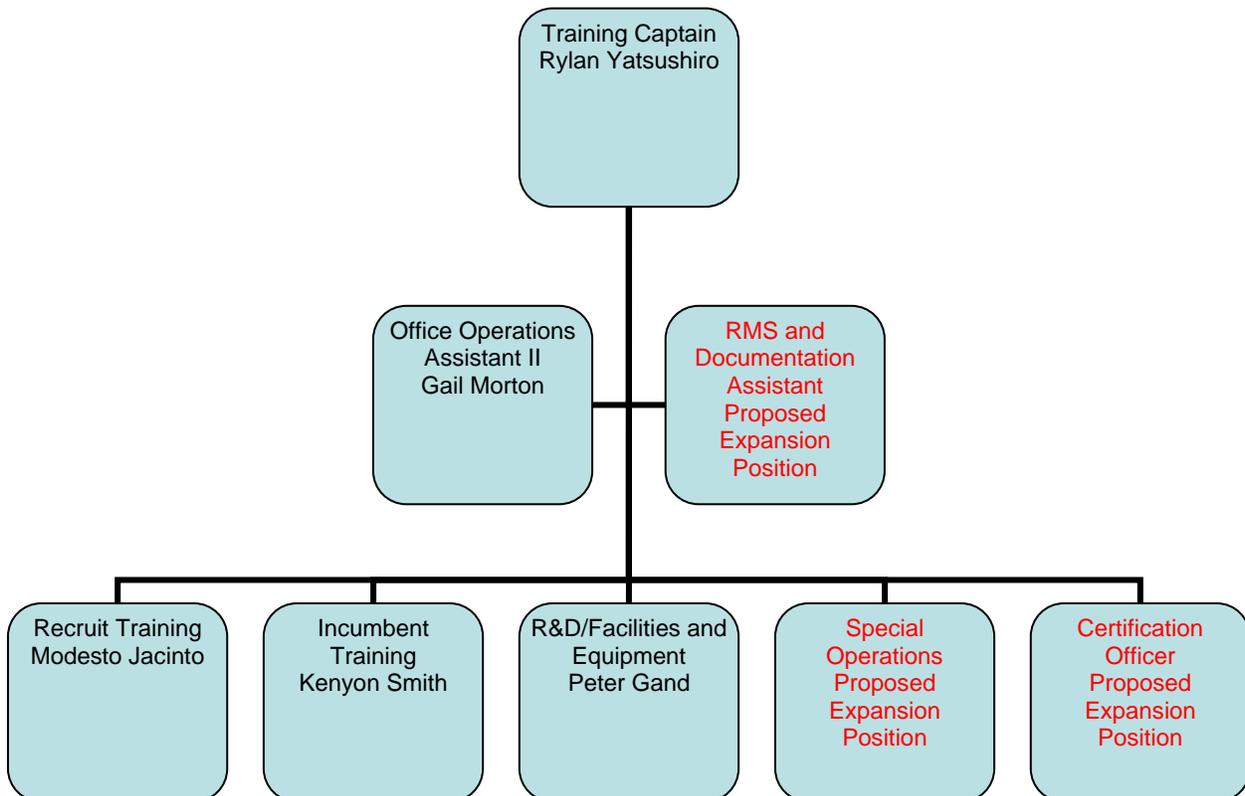
July 1, 2014 – June 30, 2015



Introduction

Training for FY '15 was composed of assigned quarterly training, cadre lead drills/training, multi-company operation (MCO) drills, certifications for position requirements, professional development and re-certification training. All curriculum is based on national standards, local, state and federal laws. The Training Bureau schedules drills and training sessions with the intent of maintaining a reoccurring proficiency cycle. Quarterly drills based on national standards provide personnel with ongoing fundamental task level training for their respective positions. These drills give the company officer a structured lesson plan to follow when leading their crews. Cadre lead training/drills and multi-company operations give the Training Bureau the ability to evaluate the effectiveness of training issued and identify areas that need to be focused on. The certifications offered and being maintained by the Training Bureau are for professional development and job/position requirements. Personnel are given the opportunity to get certifications that will prepare them for future positions. Our special operations companies, Hazmat 10 and Rescue 10, require personnel to be trained and certified in different disciplines to fulfill the operational capabilities of those companies. Personnel who are temporarily assigned are also trained to the levels to satisfy the position requirements. The main goal of the training is to have safe operations on emergency scenes as well as provide the best service we can to the communities we serve.

Training Bureau Organization Chart



The organizational chart above reflects three expansion positions. Filling those positions is necessary to effectively meet the required levels of certification and re-certification, align with national consensus standards, document completion of required training, evaluate firefighter performance, and evaluate effectiveness of training.

There is a great need for another Assistant II position, who would be dedicated to manage our report management system. In this litigious society, justification and documentation is paramount. An assistant dedicated to the tasks of justification and documentation would limit litigation against the county. Currently, we are using interns, community service, and mentoring programs from multiple sources to help meet our needs. This has provided some relief, but remains as an inconsistent means to fulfill such an important duty.

A second position is desperately needed for Special Operations which includes the research, management and training of personnel assigned to Rescue and Hazmat. Rescue and Hazmat are highly specialized assignments that require special scrutiny. Training in these areas also includes specialized equipment and training locations. Maintenance of training equipment and training records are critical to the safety of these personnel. Currently, it is a joint effort between rescue and hazmat instructors, on duty rescue and hazmat personnel, and Training Bureau staff to organize and deliver necessary training in these special disciplines. We are moving forward but are disconnected in many ways because we do not have one leader that understands the entire picture and/or has the time to commit to this assignment.

A third and new request for a position is reflected in the organizational chart. This position is dedicated to position certifications. The responsibilities of this position are to organize, manage, and document all certifications and certification criteria that go out from the Training Bureau. This position is new due to the fact that the Maui County Fire Department Training Bureau looks to be an accredited certifying entity. The necessary attention in this position is very important from the perspective that meeting certification criteria is critical to legitimize certifications. Position certification is essential to a professional and proficient organization as well as provides the organization with a layer of defense against litigation. The department's professional development plan is made up of position certifications among other requirements.

Training Programs

Certain types of training require specialized and technical assistance and close supervision, which require a lead instructor. The Department has developed cadres' to provide that technical, specialized assistance. Utilizing the "train the trainer" concept, we continue to send our instructors away to train the trainer courses and continued education to further educate and develop our instructors to teach our own. Currently, we are over 95% self sufficient in regards to the ability to teach our own people. The following training programs are organized by a program director with instructors trained to deliver the specific curriculum.

Emergency Medical Responder (EMR) / CPR

EMR and CPR refresher training happens annually and is required for all uniformed personnel. This training is composed of lecture and hands-on training. In-house instructors who are certified as CPR instructors and EMTs/Paramedics deliver this training.



Fire Apparatus Driver Operator Program - FADOP

In FY'15, all of our incumbent and temporarily assigned driver operators went through 3 hours of instructor led closed course emergency vehicle operation refresher training. In addition to the instructor led training, FADOP drills are assigned as part of the quarterly drill schedule to help meet job performance requirements of the driver operator position.

Fire Ground Survival/Rapid Intervention Team (FGS/RIT)

This course teaches rapid intervention skills in three stages: Firefighter Survival, Firefighter Rescue and Rapid Intervention Team Operations. These techniques include a head-first ladder slide, rope slide bailout, negotiating wire entanglement, escaping through a restricted breach, two person drags, carries, team search-rescue, packaging and rescue of a downed firefighter.



Fire Ground Operations

This program focuses on structure fires and all the tasks and tactics that come with responding to buildings on fire, which include forcible entry, rescue, fire control, ventilation etc. We do most of our training at the Maui Fire Joint Training Center, which houses our very own class A burn structure. Our Department now has a “real” means to train on fire behavior in a compartment, tactical ventilation, fire growth indicators, and appropriate fire control methods. There is simply no substitution for Live Fire Training to coordinate the tasks and teamwork needed for safe and successful structural firefighting. In FY'15, the FGO program has conducted Department-wide live fire training that included door operations, ventilation, roof operations, and apartment fires.



Vehicle Extrication

Vehicles are manufactured differently with new challenges and risks. Our vehicle extrication cadre is highly trained and has done a great job teaching our department the new techniques, hazards, and considerations with vehicle extrication.

Wildland

Wildland refresher training is delivered through assigned quarterly training to meet certain wildland training objectives, which include entrapment avoidance, current issues, fire shelter and safety issues. All online personnel go through this refresher training.

Rope Rescue

Refresher training incorporating advance skills to meet the National Fire Protection Association NFPA 1006 standards is provided to the Department through the Rope Rescue Instructor Cadre. Select engine companies, who usually are first on scene, receive 8 hours of Rope Rescue Operations level training covering NFPA 1006 standards, which include size-up for rope rescue incidents, anchoring principles, set up and operation of edge, belay and mainlines. It also covers low angle litter rigging and operations. Rescue 10 personnel go through more extensive Rope Rescue Technician level refreshers.



Rescue Water Craft (RWC)

Safe successful operation of a rescue watercraft takes arduous training. All personnel working at fire stations with RWC's, complete a 24 hour hands-on operator course that tests the operator's ability to handle a RWC in high seas. One day RWC refresher classes were held in FY'15 for Kahului, Kaunakakai, and Hana personnel. Hana, Kahului, Wailea, and Kaunakakai districts do operate rescue water crafts.



Rescue Boat Operations

Rescue boat operations include maneuvering in high seas, towing, docking, GPS etc... Companies that house a rescue boat and are responsible for rescue boat operations go through a State of Hawaii approved boating safety course. Quarterly drills are also occasionally assigned to review basic boat operations and procedures.

Special Operations

Hazardous Materials - HAZMAT-10

Hazmat personnel assigned to HAZMAT 10 maintain skills proficiency and consistency by completion of the HAZMAT drill schedule. The HAZMAT drill schedule includes fundamental skills refreshers on core competencies with HAZMAT response.

HAZMAT 10 personnel are certified confined space technicians and complete refreshers to maintain technician status.

HAZMAT 10 personnel are also fulfilling the responsibilities of a “support” company at building fires and therefore complete advanced “truck operations” training, which includes tactical ventilation, forcible entry, laddering, and search and rescue.



Technical Rescue - Rescue-10

Rescue personnel assigned to Rescue 10 maintain skills proficiency and consistency by completion of the Rescue drill schedule. The rescue drill schedule includes fundamental skills refreshers on all technical rescue disciplines.

Rescue personnel complete 16 hours of rope rescue training annually. Focus is on advanced techniques, which included basket tending, edge transitions, anchoring systems etc... In-house instructors deliver this training to rescue personnel.

Each rescue shift is allotted one hour per quarter to train with the helicopter. All training and scheduling are scheduled by the rescue company commanders.

In preparation for surf emergencies, rescue personnel complete an 8 hour refresher training with the rescue water craft and an 8 hour refresher training on the rescue boat. These refresher trainings focus on advanced techniques and are delivered by in-house instructors. On going training for surf rescue emergencies are also coordinated by rescue company commanders.



Rescue personnel are all certified at the Public Safety Diver level and maintain proficiency by completing the required six dives per year. Divers also completed their annual watermanship evaluation and deep dives. The watermanship evaluation is comprised of a timed 500 yard swim, 800 yard fin kick, a 15 minute water tread and a 100 yard inert diver tow. All of these events are conducted with no more than a 15 minute rest between them.

Rescue personnel are certified confined space technicians and complete an annual 8 hour renewal training to maintain technician status.

Rescue 10 personnel are also fulfilling the responsibilities of a “support” company at building fires and therefore complete advanced “truck operations” training, which includes tactical ventilation, forcible entry, laddering, and search and rescue.

Pro Board Certifications

Pro Board certification from an accredited entity is a statement of success. It is an indisputable mark of performance belonging to individual fire service professionals. Each successful candidate for certification knows that he or she has been measured against peers and meets rigorous national standards. Certification affords the individual a uniformity and portability of qualifications. In addition, the credibility of an organization is enhanced by having members certified to national consensus standards. The Maui County Fire Department, under delegated authority from the State of Hawaii DOT-A, offers the following Pro Board certifications.

Firefighter I and II

Certification at the Firefighter I and II levels equate to 14 weeks of firefighter training which equate to approximately 560 hours. This is part of a 28 week firefighting school that firefighter recruits go through. Recruit Class 31, with 14 new recruits for the County and 15 for the State of Hawaii, graduates on July 31, 2015.

Airport Firefighter

Airport firefighter is a certification aligned with NFPA 1003. In a joint effort with State ARFF, firefighter recruits go through education and training to meet or exceed the job performance requirements for the airport firefighter certification. 14 recruits in Recruit Class 31 completed the certification in FY '15.

Fire Instructor I

Fire Instructor I's are generally responsible for teaching courses from supplied lesson plans, adapting those lesson plans as appropriate, managing the class environment, administering exams and completing training records. Fire Instructor I is a foundational component to building strong fire service officers. This course is offered annually to MFD personnel. MFD has personnel qualified to teach this course.

Fire Inspector I

The Training Bureau held a Fire Inspector I course in July 2014 and certified 18 of our personnel. This course is primarily designed for those entering into fire service inspections and is extremely useful to inspectors and company level officers. Some of the topics covered in this course include: Building Construction, Decorative Materials and Furnishings, Fire Drills, Inspection Procedure, Code Enforcement, and Fire Alarm and Communications. This course is a foundational course for company officers. All of our fire inspectors are certified at this level and above.

Fire Officer I

The Training Bureau offered a Fire Officer I course in September and certified 20 of our personnel. This course introduces basic concepts of management and supervision by concentration on such topics as: organizational structure, communication skills, human resource management, public relations, planning, emergency service delivery and safety. The curriculum identifies the performance requirements necessary to perform the duties of a first line supervisor.

Other Certifications

The following certifications are also offered to department personnel. The various certifications have curriculum from different authorities of that field. Qualified In-house instructors certify personnel in the different disciplines. These certifications are also part of a professional development plan that prepares personnel to operate proficiently at the different ranks and positions.

Rope Rescue Technician

A Rope Rescue Technician 70 hour course has been developed specifically for rescue, hazmat, and temporary assigned rescue personnel. This course fulfilled the operational capability for a Rescue company. The process of restructuring the course to make it a Pro Board Certification was continued in FY'15.



Public Safety Diver

Five Rescue personnel completed this 40 hour course and were certified at this level by qualified in-house instructors.

Public Safety Diver Survival

Rescue 10 personnel and personnel temporarily assigned to rescue complete this 16 hour course and are certified at this level by qualified in-house instructors.

Dive Rescue Specialist I

Rescue 10 personnel and personnel temporarily assigned to rescue complete this 24 hour course and are certified at this level by qualified in-house instructors.

Confined Space Rescue Technician

This course is a 40-hour IAFF Confined Space Rescue Technician Program. The Training Bureau held this class in March and certified 7 personnel. In order to maintain "Active" status as a Confined Space Rescue Technician, OSHA requires an annual eight hour renewal training class. MFD maintains 33 personnel as CSR technicians.

ICS 300

ICS 300 is an intermediate ICS course that teaches how the NIMS Command and Management component supports the management of expanding incidents and the process for expanding incidents and supervisors as prescribed by the Incident Command System (ICS). This course is delivered by in-house qualified instructors.



ICS 400

ICS focuses on the incident/event management process for large-scale organization development; roles and relationships of the primary staff; the planning, operational, logistical and fiscal considerations related to large and complex incident/event management, and implementation of Area Command and the importance of interagency coordination on complex incidents. This course is delivered by in-house instructors.

Wildland S-215 WUI

This course is designed to assist structure and wildland firefighters who will be making tactical decisions when confronting wildland fire that threatens life, property, and improvements, in the wildland/urban interface.

Wildland S-336

This course is designed to meet training requirements in the Operations Section of the Incident Command System. Examples and exercises in this package are specific to wildland fire suppression. The Department held this 16 hour class in June and certified 21 of our personnel.

Hazardous Materials Technician

The Hazardous Materials Technician course is an 80 hour class focusing on the relationship of incident priorities, strategies, and tactics as they relate to implementing safe procedures for alleviating the risk at an accidental or intentional hazardous materials incident. It concentrates on integrating risk-based decision making and knowledge about hazardous materials chemistry, storage, transportation and release scenarios. Personnel are certified at this level by outside instructors. All Hazmat 10 personnel are certified at the technician level. A Hazardous Materials Technician course was held in April-May and certified 12 of our personnel.



Hazardous Materials for First Responder Operations

First responders at the operations level are individuals who respond to releases or potential releases of hazardous substances and are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the release from a safe distance, keep it from spreading, and prevent exposures. All department personnel are certified at the first responder operations level and are required to go through an 8 hr. refresher annually. The Hazmat instructor cadre provides this training.

Recruit School

The County of Maui, Department of Fire & Public Safety's 31st Recruit Class started on January 16, 2015 and is running for a total of 28 weeks. There are 29 recruits (14 County and 15 State), with their graduation scheduled for July 31, 2015. They were trained to Pro Board standards and received certifications at the Firefighter I and II levels. The recruits were also Pro Board certified in Airport Firefighting skills. By the end of Recruit School, all recruits will have broadened their knowledge base by receiving certifications in: FADOP 1A and 1B, Fill Stations, Rescue Water Craft, Rope Rescue Operations, Fire Ground Survival/Rapid Intervention Team, Ocean Rescue, Confined Space, Wildland S130/S190, Hazmat FRO, Fire ground Operations, ICS 100/200, and Auto Extrication.



Along with having to learn, develop, and polish the aforementioned skill sets, the 31st Recruit class has also endured through a specially designed workout program, tailored towards firefighters and the types of duties we normally perform. Overall, recruits have been successfully trained and prepared for the wide variety of incidents they will have to mitigate once on line.



Other Training

Training Newsletter

The Training Bureau is still using the Maui Fire Magazine as a means of communicating which includes national trends in the fire service, new techniques, training opportunities, and leadership concepts. The newsletter recaps the previous quarter's department training, which in turn keeps everybody informed of all the training that is ongoing and available. The magazine has been ongoing quarterly in FY '15.

Drill schedule

The drill is meant to be officer led, organized, delivered, and evaluated at the company level by the company commander. The drill schedule is aligned with the appropriate NFPA professional qualification standards and therefore is a minimum requirement for the disciplines we are responsible for and represents the foundation of everything we do. The drill schedule aligns with the following NFPA standards:

1. **NFPA 1001**, *Fire Fighter Professional Qualifications*
2. **NFPA 1002**, *Fire Apparatus Driver/Operator Professional Qualifications*
3. **NFPA 1021**, *Fire Officer Professional Qualifications*
4. **NFPA 1006**, *Technical Rescuer Professional Qualifications-Rescue Personnel*
5. **NFPA 472**, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents.-Hazmat Personnel*

There are three drills assigned to each company per month. Method of delivery, extent, and location of those drills are left to the company commander's discretion. The company commander is responsible for RMS completion and by doing so confirms the competency of that company.

Maui Fire Joint Training Center-MFJTC

In a joint relationship with State ARFF, we have secured a property close to the airport to do most of our hands on training. The MFJTC is little over four fenced acres with an approximately 8,000 square foot building on site. The MFJTC houses a 2,000+ square feet burn structure, fabricated with forcible entry doors, a combustibile flat roof for vertical ventilation operations, and multiple rooms for search and rescue. The MFJTC also houses various portable forcible entry, ventilation, fire control, rescue and extrication props to provide realistic training to department personnel. The training center is complete with locker room and kitchen facilities as well as a wellness and fitness gym. Recruit training is conducted primarily at the MFJTC and has been invaluable toward preparing new recruits for firefighting. The MFJTC is also available to all companies, by way of request through their Battalion Chief. The MFJTC has allowed us to conduct realistic hands on training that prepare our firefighters for the high-risk tasks of firefighting.



Blue Card Command

Blue Card Command is a computer based simulation training system that provides consistent and on going command and control training for our officers. All officers and acting officers receive this training. Blue Card training has proven valuable in several structure fires since introduced to the department. This command system provides Officers with opportunities to exercise size up of structures, resource and strategy determination, and communications.

All-Hazards Incident Management Team (AHIMT)

AHIMT training focuses on managing incidents that extend into multiple operational periods and require a written Incident Action Plan (IAP). These incidents can include weather-related disasters such as a tornado, earthquake, or flood; a joint law enforcement operation; public health emergency; or a planned exercise or event. A county Type 3 team, made up of various government and private organizations, was

assembled and has been involved in multiple training opportunities throughout FY'15 to increase proficiency and team cohesion.

Youth Programs

The Training Bureau has worked with many different organizations to provide workforce opportunities for youths. The relationships have been reciprocal, in the sense that, youth programs have offered working hands to help with the many duties that usually get overlooked when there is not enough manpower. MFD has worked with Kamehameha Schools and Maui High School intern programs.

Outside Services Provided by Training Bureau

Besides the various and multiple training programs, drills, exercises and testing that this Bureau provides, there is a significant need for our expertise in areas outside of our department. Although we are not expected to provide the same services as those on the line of duty, we still need to uphold the Maui County Fire Department Mission Statement which is "To Protect and Preserve Life, Environment and Property."

- Blood Pressure Screenings (BPS) – Via Department of Personnel Services, quarterly BPS are provided to all County employees at the three main sites: County Building, One Main Plaza and Department of Motor Vehicle and Registration Office.
- ICS 100-200 is an on-going training provided to Lifeguard and Police personnel as needed.
- First Responder Operations (FRO) training was provided to the Maui Police Department.
- An extrication demonstration was also provided for the Maui Police Department and AMR.
- Seats in our certifications courses are always made available for county and state departments.

NFA Sponsored Off-Campus 2-Day Programs

The National Fire Academy provides courses to City and County fire departments across the nation. These courses are usually taught by retired Fire Chiefs who have a wealth of knowledge to share. These courses vary from terrorist type incidents to bread and butter operations. MFD took advantage of the following courses:

Leadership I for Fire & EMS

The Leadership I for Fire & EMS course was offered in August to 29 personnel with the goal of increasing their leadership ability as it relates to the fire service.

Courtroom Preparation & Testimony for Emergency Responders

As first responders to emergencies, firefighters are sometimes called to testify in court. This class was offered in April to 25 personnel to help prepare for potential court appearances.

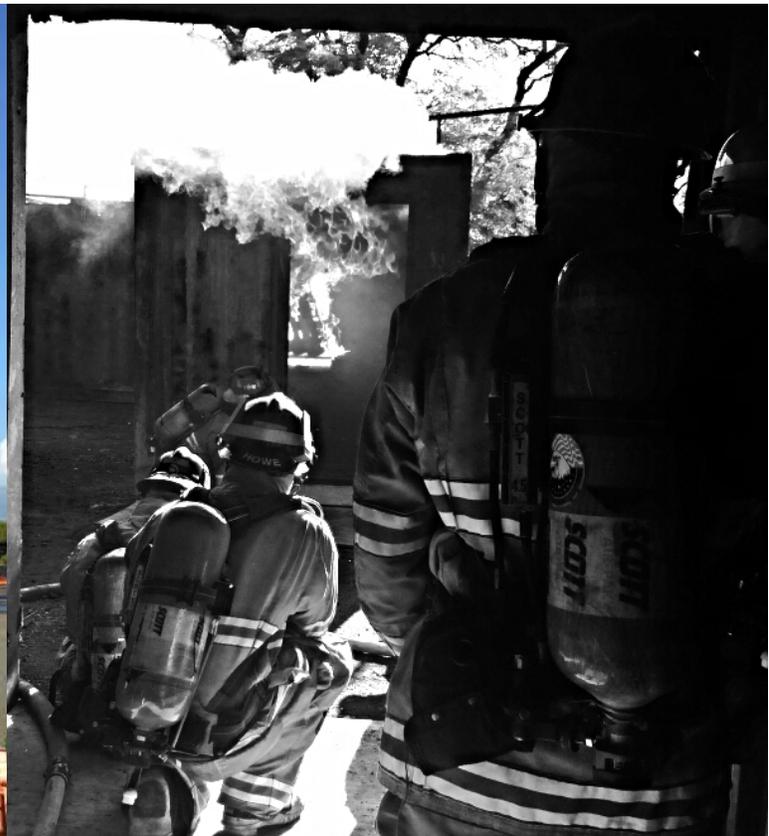
Summary

The Training Bureau is an ever evolving entity which supports the safe and effective operations of the Department of Fire and Public Safety. We will continue to progress and provide realistic training opportunities which will allow us to meet the needs of our Maui County community. The system of Training Program Cadres allow us to stay current, efficient, and fiscally responsible by allowing us to train our own. Because all curriculum is based on Certifications and National Standards, we can be assured that those pieces we pass on to our personnel are keeping up with the dynamic demands of the fire service.

FY '15 once again has shown the need for increased staffing in the Training Bureau. The Training Bureau continues to be a revolving door for new promotions. Each position is currently handling an ever increasing workload as we move forward with providing a more comprehensive training system. As this progression continues, the amount of time it takes for each new firefighter in the Bureau to get caught up to speed increases exponentially. With that being said, we will always search for new and creative ways to increase efficiency and cost savings.



(Photo Credit) BC Kawasaki



(Photo Credit) Lt. Furuta

FIRE PREVENTION BUREAU
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(1st Row Left to Right): Office Operations Assistant Richelle Wakamatsu, Warehouse Technician Roxanne Puaa, Account Clerk III Darlene Manzano.

(2nd Row Left to Right): FF III Garren Oura, FF III Maroe Smith, FF III Jim Knutson, Lt. Scott English, Captain Paul Haake, FF III Parrish Purdy, Lt. Peter Davis, FF III Ryan Otsubo.

Fire Prevention Bureau Annual Highlights July 01, 2014 – June 30, 2015



Personnel:

The Fire Prevention Bureau is staffed by 11 personnel that include a Captain, two Lieutenants, six Fire Inspectors, an Account Clerk, and an Office Operations Assistant.

The two Lieutenants handle all plans review assigned to the Bureau through the County's permitting process. During the plan review process, fire and life safety related items are checked for State and County Fire Code compliance. Reviews are done on new construction of, and renovation for commercial and residential projects, large event set-ups, new subdivisions, and installation / renovation / repair of fire and life safety systems.

The six inspectors handle all inspections related to new construction of buildings, renovation projects, requests for services, special permit issuances, and community concerns in regards to fire safety. One of the inspectors is assigned full-time to Molokai and handles all prevention duties for that island. Another inspector, along with doing inspections, is assigned to process and schedule all requests for public education such as fire extinguisher training, safety presentations, and the Firefighter Safety Guide Program.

The Account Clerk handles all money transactions of the Bureau. This person's duties also include auditing of fireworks permits and storage. The Office Operations Assistant handles all record-keeping and filing, parcel research, and important office-related tasks.

- An Office Operations Assistant was hired in August 2014.
- The inspector assigned to Molokai retired in Dec. 2014. The Molokai

inspector position was then re-assigned back to Maui and filled with a new employee.

- Three staff members with more than 5 years experience in the bureau transferred back to line positions in April 2015. Those three positions were then filled in May 2015.
- The office's Account Clerk transferred to another county department at the end of April 2015. This position is being filled by an employee from within the department that intends to be in the position full-time pending permanent hiring.

Training and Education:

A. Training allows staff members to stay current with codes, standards, and new technologies. This is very important in the Bureau's effort to provide quality service to the community. The Department's Administration has remained committed to allowing the Bureau Staff to attend the best training opportunities available, wherever it may be.

- 2 staff members attended a week-long training conference sponsored by the Western Fire Chiefs Association. Courses covered topics on fire investigation and life safety systems.
- Two staff members attended a week-long class, "EduCode", put on by the International Code Council. This training focused on code sections of the International Building Code (IBC), Maui County's adopted building code. Training on the following topics was provided: IBC Occupancy classifications, commercial kitchen hoods, IBC construction types, Means of Egress components, and flammable & combustible liquids.
- One staff member attended two days of training at the annual conference of the Hawaii Association of County Building Officials hosted this year by Hawaii County. During this training conference, building officials of the four counties were able to discuss and share ideas on handling county duties in an effort to provide better service to the community.
- One staff member attended a two-week long training class – Fire Inspection Principles (the basics of fire inspections) - at the National Fire Academy in Emmittsburg.

B. Educating the public on fire prevention and life safety is a priority of the Fire Prevention Bureau. Our Public Education Specialist, with assistance from Bureau members and firefighters, provided the following types of training and education to members of our community:

- Through the Keiki ID program, which is provided at the request of organizers of various community safety events such as the Kiwanis Keiki Fest, Lihikai School Bazaar, MEO Family Days, Kihei Youth Center, Maui County FCU and Hawaii USA, approximately **1,200+** children were

provided with the County's Keiki ID. This interaction allowed Bureau members to share fire and life safety tips and gave families something tangible that captures valuable information that could assist with keeping their children safe. Hawaiian Commercial & Sugar (HC&S) continues to show special interest in this program. HC&S has purchased printer supplies for the program and provided assistance with manpower at certain events; with their partnership, the program continues to be a successful way to interact with the public and share fire safety information.

- The Fire Fighter Safety Guide (FFSG) Program provides fire safety education to the county's grade school children. A total of **13,200** guides were distributed to students from Kindergarten through the Fifth grade throughout Maui County schools. One student and teacher were selected as t-shirt winners from each class that completed 100% of their safety guides; there were 156 t-shirt awardees. The program culminated with the annual awards luncheon that spotlights one student and teacher from each of the participating schools. There were **34** lucky winners (17 students and 17 teachers) invited to the luncheon which was also attended by representatives from HC&S, FIRE, the Mayor's Office, and other program sponsors. Again this year, the luncheon and t-shirts were funded by a very generous grant received from the A&B Foundation.
- With the use of the Fire Safety House **1,400+** 2nd and 5th graders from **12** of our schools were taught about fire safety and prevention. Students tour through the trailer and participate in an interactive learning program that provides education about Fire Hazards, emergencies(911), what to do if their clothes catch on fire, what to do if the house is on fire, and fire escape planning. The tour finishes with an actual evacuation practice drill that utilizes theatrical smoke to simulate a fire in the home. Each presentation takes approximately 25 minutes. There were **140** presentations done this year. Our continued outreach to the schools with the safety trailer is still well received; the teachers and students look forward to our annual visit.
- As part of Fire Prevention Week, the Fire Prevention Bureau and on-line fire crews provided a demonstration to the Maui County community that highlighted fire fighting and life safety skills and fire prevention messages. The demonstration at Keopuolani Park on November 29, 2014 hosted approximately **400+** attendees. The show lasted approximately 2 hours and utilized up to 6 apparatus, Air 1, other department vehicles, and approximately 30 personnel.
- There were approximately **229** safety presentations provided to businesses and community groups. Topics such as kitchen safety, workplace safety, fire extinguisher training, and fire prevention were discussed.
- The Fire Extinguisher Training program provided hands-on training to approximately **670+** persons. This training covered the following: classes of fire, components of a fire extinguisher, emergency procedures when a

fire is discovered, and how to properly use a fire extinguisher. Each class takes approximately 45 minutes and ends with a safe, live-fire simulation that allows hands-on training with a fire extinguisher.

- Smokey Bear and/or Sparky made appearances at **15** events during this fiscal year. By far the most requested education opportunity is still the Fire Station and School Visits. This past year the department participated in a total of **70+** station and school visits with **30+** visits occurring within the month of October – Fire Prevention month. Included in this total were visits to day-care and home-care groups, as well as various children programs. Each visit consisted of a safety presentation and/or a tour of the fire station, fire trucks and equipment. The visits usually end with the children shooting water from small fire hoses with the assistance of a firefighter. Each tour or visit lasts approximately one hour.
- The Smoke Alarm Maui (SAM) program stresses the importance of smoke alarms within the home. This program was created to provide and install working smoke alarms in homes without them. Originally implemented in early 2012 with monies provided by the Assistance to Firefighters-Fire Prevention grant, this program was allowed to continue with a grant through the State Fire Council that acquired 400+, new, 10-year lithium battery smoke alarms. With these new smoke alarms, this program was able to reach an additional **40** families with approximately **200+** smoke alarms installed in their homes. During the installation, home safety surveys were used educate applicants on identifying and reducing common fire risks within the home and emergency evacuation planning was highly stressed. This program continues to be a bright spot for the department.

Office/Equipment:

- New Xerox copy machine.
- Upgrading computer screens to larger sizes.

Working Statistics:

- A. The Fire Prevention Bureau reviewed 2,745 building permit plans during this fiscal year.
- B. Issued 756 fireworks permits to include fire crackers, aerial shows, retails and wholesale licenses.
- C. Issued 48 permits for fuel tanks (propane and flammable/combustible liquids).
- D. Issued 112 Tent and Booth permits.
- E. A total of 38 public and private schools were inspected, and 49 pre-school inspections were conducted.
- F. The Fire Prevention Bureau conducted 57 in-depth fire investigations during this fiscal year. These fire investigations only include those incidents where technical help was needed to document the scene and determine the fire cause.

Fortunately, no fire deaths were reported during this fiscal year.

The Fire Prevention Bureau also provided comments to the Planning Department on applications for subdivisions, changes in zoning, special use permits, variances and appeals, and environmental impact statements. This participation includes attending meetings and providing fire prevention, fire code, and life safety comments for projects.

Bureau Staff also participated with the Water Resource Task Force, the Permitting Task Force, and other county departments as part of a county-wide effort to consolidate code requirements and streamline the permitting process.

Bureau staff also participated in the task force assigned to find a replacement software program for the county's existing, un-supported program (KIVA). The task took about 12 months and was completed in June 2015 when the county signed a contract with Tyler Technologies to begin implementation of the new county inspection and permitting software known as MAPPS – Maui's Automated Planning & Permitting System. The new system is scheduled to be on-line in July 2016.

Fire Code:

The State of Hawaii adopted the 2012 edition of NFPA 1 Fire Code in August 2014. The County Amendment package for the adoption of this Fire Code as Maui County's Fire Code was approved by Council and signed by Mayor Arakawa in June 2015. The new fire code took effect on July 1, 2015.

On-going Commitments and Goals:

- Protect life, property and the environment by enforcing the laws and codes adopted by the State of Hawaii and Maui County.
- Educate the citizens of Maui County on fire prevention and life safety.
- Assist the Department of Fire and Public Safety in achieving recognized accreditation.
- Ensure that staff members are kept current with codes, standards, and new technologies in an effort to provide quality service to the community.



**HEALTH AND SAFETY BUREAU
Wailuku Fire Station Annex
21 Kinipopo Street
Wailuku, HI 96793
(808) 270-7122**



FF III Michael McDonald, Captain Conrad Fernandez, and FF III Matthew Mann

**Annual Highlights
July 01, 2014 – June 30, 2015**

Introduction

Firefighting as an occupation has become increasingly hazardous to our long-term health and immediate safety. The responsibilities of the Maui Fire Department in the realm of public safety has expanded significantly; responding to incidents involving exposure to Cancer causing smoke attributable to contemporary building construction, intimate contact with toxic materials in all forms, blood and body fluids, highway traffic, hi-risk land and ocean-based rescue and compounded by environmental, physical and

traumatic psychological extremes. The number and scope of hazards to which our Firefighters are routinely exposed have grown considerably.

In the course of public service, our Firefighters have duties that predispose them to occupational health hazards and adverse medical conditions that can develop virtually unnoticed throughout their careers. Although we may be fitter than the general population, firefighters are routinely exposed to carbon monoxide, cyanide and other toxic substances as well as strenuous physical and atypical psychological demands that may lead to premature Heart Disease, the likelihood of contracting a fire service Cancer and Post-Traumatic Stress.

Modern firefighting is scientifically recognized by the WHO, NIH and various credible organizations as an occupation at “high risk” for the distinct development of job-related Cancers, Heart Disease and Traumatic Occupational Stress.

Premature death, disease or disability is a grim reality that many firefighters now face in the modern fire service. The average length of retirement nationwide in the fire service is a meager 10 years. Unfortunately, the Department and our membership are not immune to this troubling statistic.

To this end, the Health and Safety Bureau is committed to addressing these modern day health hazards and actively promotes firefighter wellness, safety, performance and longevity thru compliance with national standards, education, and research. The Health and Safety Bureau is determined to mitigate the occupational hazards that our firefighters encounter daily and is a critical component of the County of Maui Department of Fire and Public Safety.



Organization and Responsibilities

The County of Maui Department of Fire and Public Safety’s Health and Safety Bureau (HSB) consist of three (3) personnel: a Health and Safety Officer (HSO), and two Assistant Health and Safety Officers (HS2, HS3).

The HSB has developed a number of programs to ensure the well-being of our personnel and promote their overall health, safety and fitness. These programs include:

- Annual comprehensive medical examinations; DOT CDL compliant.

- Fire Ground Medical Assistance and Rehabilitation (hydration, medical monitoring, and sustenance) for emergency incidents and training exercises; NFPA compliant.
- Respiratory Protection Program for SCBA (Self Contained Breathing Apparatus) and Air Fill Stations; OSHA and DOT compliant
- Infectious Disease and Exposure Control Program for Blood Borne Pathogens and Personnel Exposures; OSHA compliant.
- Personal Protective Clothing Disinfecting, Cleaning and Maintenance Guidelines; NFPA compliant.
- SCBA ensemble Disinfecting and Cleaning procedures; exceeds existing standards.
- Regulated Bio-Waste cleanup and disposal procedures; OSHA compliant.
- Emergency scene and training exercise safety monitoring and guidance
- Essential emergency medical/safety supplies; requisition, procurement and delivery.
- Recruit Class Hepatitis A/B Vaccinations and incumbent medical supervision
- Health, Wellness, Physical fitness and injury prevention education
- Behavioral Health Monitoring - Critical Incident Stress Management (CISM)

Furthermore, the HSB coordinates various **public service activities**, including first-aid support at special public events including health fairs, youth and senior sports tournaments and quarterly blood-pressure screenings at Maui County facilities.

Finally, the HSB utilizes and maintains two passenger vehicles, our specialized Air and Light Apparatus and a mobile rehabilitation trailer for use at emergency scenes and long-term training exercises.

Highlights of Activities for FY 2014-2015

The HSB continues to manage and develop its major programs and services. Highlights from the 2014 – 2015 fiscal year include the following:

Respiratory Protection and Personal Protective Equipment

- General compliance with OSHA CFR 1910.134
- Completed Federal Assistance to Firefighters Grant application for the acquisition of an SCBA Cascade Compressor System for Kaunakakai Fire Station; currently Molokai Fire Personnel rely on State ARFF or Lahaina Fire Station to refill SCBA cylinders.
- Streamlined monthly reporting system required by OSHA for SCBA inspections.
- Worked with Battalion Chiefs to update guidelines for SCBA and Air Fill Station maintenance and procedures.
- Developed procedures and provided tools to decontaminate and disinfect SCBA ensemble; facemask, harness, breathing air regulator, Scott bottle.

- Annual fit-testing of all MFD personnel, specialized MPD riot control teams SCBA face masks and served as a County-wide resource for fit-testing and guidance.
- Hydrostatic testing, routine repairs, asset tracking and inventory of all SCBA Scott bottles Department wide.
- Annual testing, periodic repairs and documentation of all SCBA harnesses and breathing air regulators Department wide.
- Annual service maintenance for our four (4) breathing air compressors used to fill SCBA bottles. There are 3 fixed facility fill stations located at Paia, Wailea and Lahaina Fire Stations along with our mobile Air and Light Apparatus.
- Quarterly air sampling and carbon monoxide meter calibration for those compressors.
- Responsible for proper use and maintenance of our Turnout washing machines that extract soot/toxins and disinfect PPC. MFD now has eight (8) industrial extractors available for all-purpose decontamination of firefighting structural turnout ensembles (Hana, Makawao, Kahului, Wailea, Lahaina, Lanai, Molokai, and the Maui Fire Joint Training Center in Kahului).



Infectious Disease and Exposure Control Program

- General compliance with OSHA CFR 1910.1030.
- Management of personnel exposure records and guidance on procedures involving suspected work exposures to blood borne pathogens.
- Continued coordination with Maui Memorial Medical Center ER and MMMC Disease Control Officer to expedite admittance of MFD personnel in the case of suspected work exposures and ensuing post-exposure procedures.
- Coordinated multiple round Hepatitis A/B vaccination measures with the Department of Health nursing volunteers for Recruit class 31.
- Worked with Battalion Chiefs to update Personal Protective Clothing Cleaning and Disinfecting guidelines and procedures.
- Provided cleaning equipment and procedures for Gross Scene Decontamination; Firefighter, SCBA equipment and apparatus to minimize cross contamination, toxic exposures and tracking contaminants back to the Station and home.



- Distributed Roadway Decontamination kits and procedures for use in Motor Vehicle Collisions to safeguard the public from blood and body fluids.
- Assisted in the development of new protocols for Hemorrhagic Fever (Ebola Virus) with DOH and AMR and researched standardized Personal Protective Clothing for responders in the event of a suspected patient with Ebola virus.

Health, Wellness and Medical Fitness

- HSB is in the process of obtaining an MFD physician for the guiding, directing, and advising of members with regard to their health, fitness and suitability for duty. Currently investigating the legal merit and value with the assistance of the Department of Risk Management and Corporate Counsel.
- Worked with the Training Bureau to update Rules and Regulations concerning comprehensive annual medical evaluations and requirements with the goal to exceed DOT Commercial Driver's License standards in order to accurately reflect the significant health hazards of modern firefighting.
- Joint Training Bureau and Health and Safety Quarterly Newsletter highlights current life-saving information and procedures specific to mitigating the hazards of firefighting as well as general occupational health, safety and fitness issues.
- The HSB has conducted station visits educating firefighters on the occupational hazards inherent to firefighting, particularly causality for work-related Heart Disease, Cancer and preventative measures.
- Continuing to provide assistance and guidance for the Critical Incident Stress Management and peer support program.

Emergency Scene and Training Exercise Safety and Rehabilitation

- Conducted medical monitoring and rehabilitation services (work/rest cycles, energy/fluid replenishment) at various emergency incidents and training exercises, and supplied equipment and training for other departmental entities to do the same.
- HSB assisted the Training Bureau with recruit training including an overview of Fire Service Health and Safety, vaccinations, emergency medical response, High Performance CPR instruction, high pressure cylinder fill station operations, and served as a general resource.
- Worked with Battalion Chiefs to update guidelines for Fire Ground Rehabilitation and Medical Assistance to Firefighters.
- HSB assisted the Training Bureau with establishing safety plans for training exercises.



Safety Officer Development: Maui Incident Management Team (MIMT)

HSB has been fortunate to participate in the development of the MIMT, specifically the position of Safety Officer (S.O.). As a required position in the Incident Command System (ICS) structure, the S.O. must correlate experience with training in order to be effective at providing for the well-being and effectiveness of responders at incidents.

This year, HSB personnel have been privileged to participate in National Fire Academy and ICS courses, local events such as the Maui County Fair, and deployments for Hurricane Iselle as well as at large national incidents such as the Chiwaukum Complex fires in Washington last August.

The mission of the MIMT continues to be local preparedness for emergencies and disasters both small to large, where having a local management team with a well—managed Safety Officer Program can ultimately allow responders to perform effectively in high risk environments in the safest manner possible.



Public Service

- Conducted quarterly blood pressure screenings at Maui County facilities.
- Provided first-aid support at various public events, including County of Maui sponsored events via Kaunoa Senior Center such as the Memorial Day “Blossoms for the Brave”, the Kurt Suzuki baseball clinic, various community health fairs, and numerous youth sports events.



High Performance CPR and the Lucas2 Chest Compression Machine

MFD has begun a more effective regimen of CPR known as High Performance CPR through the guidance of our medical director, Dr. Elizabeth Char.

To this end, a CPR machine called the *Lucas 2* has recently been placed into service at the Lahaina Fire Station. The device was provided through a grant award from Monsanto and will serve as a pilot program in the department. When deployed, the machine can provide consistent chest compressions to a patient at the scene, during extrication to the ambulance, or en route to the emergency room.

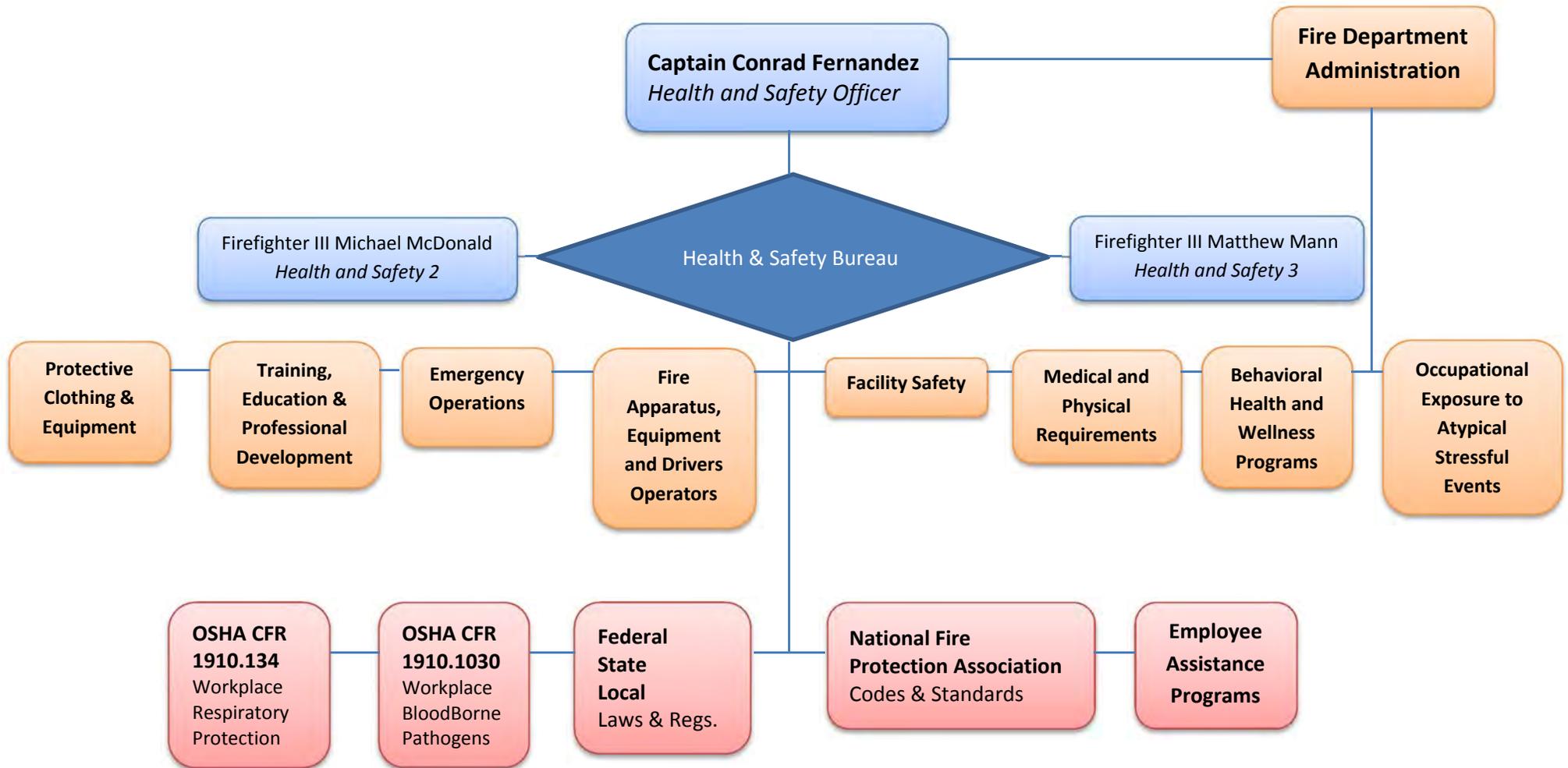
Traditional roadblocks to quality CPR such as while moving the patient to the ambulance or transporting them to the hospital can be avoided. This provides a greater chance of survival for the patient and markedly improves safety for the responders who can remain seat-belted during transport.

Two years ago, an ambulance rolled over en route to the hospital launching one of our fire fighters into the wall. Fortunately that firefighter escaped with minor injuries but it highlights the vulnerability of providing CPR inside a moving ambulance.



Administrative Activities

- HSB submits weekly reports to the fire department administration.
- The HSO submits monthly expenditure reports.
- The HSO attends quarterly staff meetings.
- HSB personnel complete monthly apparatus reports and update the administration on maintenance and repair needs.
- HSB personnel monitor fuel tank levels and initiate the fuel ordering process.
- HSB personnel manage various medical, safety and essential equipment stock, inventory, maintenance and procurement needs for emergency medical response Department wide.
- HSB routinely serves as a general subject matter resource for personnel providing guidance and support in occupational safety and health issues.



HEALTH AND SAFETY BUREAU FLOW CHART



Ocean Safety Bureau Annual Highlights July 1, 2014 – June 30, 2015

The transfer of Ocean Safety from the Department of Parks and Recreation (DPR) to the Department of Fire and Public Safety continues to be a top priority for both departments with no set date confirmed at the time of this report. With MFD's support, a modified reorganizational plan was proposed and informational meetings were held in Paia, Lahaina, and Kihei in January 2015 for all Ocean Safety Officers. HGEA and Maui Fire Department representatives discussed issues affecting a merge. A formal consultation period followed with HGEA. The reorganization of the Ocean Safety Division is mostly complete.

Changes to Bargaining Unit and Contract

The new HGEA Collective Bargaining Unit 14 for lifeguards continued talks with the employer group and still have key issues which prevented them from reaching an agreement on the new CBA. If a settlement can be reached soon, the Hawaii State Legislators must still need to approve it when they convene in January 2016. Final union contract language is needed to effectively plan a budget that determines wages & benefits.

Training Provided by the Department

In Fiscal Year 2015, ongoing training was provided by the Maui Fire Department to the Ocean Safety Captains that included:

- Conducting an Internal Investigation
- Conducting Performance Evaluations
- Leadership
- High Performance CPR
- Timesheet Preparation

Reasonable suspicion and employee assistance program training is scheduled for FY 2016. The Ocean Safety Bureau continued to network and work with other ocean safety advocates such as:

1. DOH- State Drowning & Spinal Cord Injury Prevention Coordinator.
2. DOH- Trauma Program Manager at MMMC.
3. DOH- Trauma Performance Improvement Specialist at MMMC.
4. Maui County Hotel and Resort Security Ass.
5. Director of Public Relations and Information Technologies for Maui Revealed.
6. Kaanapali Operators Ass.
7. U.S. Coast Guard- Maaleaa.
8. DLNR- State Boating and Ocean Recreation.
9. DLNR- State Parks.
10. BLNR- State Land Division.
11. Maui EMS Training Center.
12. American Medical Response.
13. DOT- Airports.
14. Napili Bay & Beach Foundation, Inc.
15. Hawaiian Lifeguard Ass.
16. United States Lifeguard Ass.
17. Will Smith Foundation.
18. Kihei-Wailea Rotary Club.

Rescue Tube Project

Rescue tubes are a 24 hour a day, 365 days a year life saving floatation device that can be used by good Samaritans to keep distressed victims afloat until Ocean Safety Officers or MFD Fire Fighters arrive. Recue tubes have been used successfully in Hawaii and other places throughout the world. The Ocean Safety Bureau is proud to assist the Kihei - Wailea Rotary and Will Smith Foundation in this endeavor.

Ocean Safety Brochure and Video Project

An Ocean Safety brochure and video have been completed with input from DPR, MFD, Coast Guard, MPD, DLNR, and DOH personnel. Prevention and education continue to be a high priority as many deaths and injuries are preventable and bring negative publicity to the Aloha State whenever the news reaches the media. Both the video and brochure can be viewed at www.mauicounty.gov/OceanSafety. The video is being shown on the Maui Visitors Channel and at the Kahului Airport. MFD Ocean Safety is currently working with the airport to relocate television monitors closer to the baggage claim carrousel.



MAUI INCIDENT MANAGEMENT TEAM

Program Summary June 2011 – August 2015

History

The United States Fire Administration defines a Type 3 Incident Management Team as a multi-agency/multi-jurisdictional team for extended incidents formed and managed at the local, state, or tribal level. It is a designated team of trained personnel from different departments, organizations, agencies, and jurisdictions. Type 3 IMTs are deployed as a team of 10-20 trained personnel, representing multiple disciplines who manage major and/or complex incidents requiring a significant number of local, state, or tribal resources. They manage incidents that extend into multiple operational periods and require a written Incident Action Plan (IAP). These incidents can include weather-related disasters such as a tornado, earthquake, or flood; a joint law enforcement operation; public health emergency; or a planned exercise or event.

It is common knowledge that the State of Hawaii is vulnerable to many natural and manmade disasters. It is also readily apparent that assistance from the continental U.S. will often take 48-72 hours to arrive. With that in mind, the Maui County Department of Fire & Public Safety administrators consulted the USFA Type 3 Incident Management Team Technical Assistance Program to develop a three year training program for a Maui Incident Management Team. After securing funding through the State Homeland Security Grant Program in 2011, All Hazards Incident Management Team training began in Maui with 33 attendees from 10 different agencies attending the first 0305-United States Fire Administration All Hazards Incident Management Team course at the Pacific Disaster Center. Subsequent USFA AHIMT team courses held in 2013 and 2014 introduced an additional 60 attendees from 6 additional agencies to all hazards incident management.

In accordance with the guidelines set forth by the USFA Type 3 Incident Management Team Technical Assistance Program, the Maui Incident Management Team Program began to offer “position specific” training courses to our responders. The following courses were offered: Incident Commander, Operations Section Chief,

Resources Unit Leader, Planning Section Chief, Logistics Section Chief, Public Information Officer, and Division Group Supervisor.

An important part of the IMT program is team development. This is where the members of an IMT work as a team, and learn the knowledge and skills needed to perform effectively in a learning environment under stressful, dynamic conditions. In an effort to address team development the Maui Incident Management Team has assisted the Maui Fair Alliance with the managing responders and emergencies at the annual Maui County Fair in 2011, 2012, 2013, 2014. The team has also participated in the annual 93rd Civil Support Team WMD exercises in 2011, 2012, 2013, 2014, 2015 the Maui Prescribed Fire 2013 and Molokai Prescribed Fire 2015, and the annual Makani Pahili state-wide hurricane exercises in 2011, 2012, 2013, 2014 and 2015.

The third category outlined by the USFA Type 3 Incident Management Team Technical Assistance Program is field training. Field training consists of designated USFA Type 3 Incident Management Team (IMT), or single resources from an IMT deployed to an incident where they will be mentored by a qualified/credentialed person from a National IMT. Maui Incident Management Team members have deployed to the following national incidents to shadow Type 1 national team mentors: 2013-Big Windy Complex-Oregon, Rim Fire-California, 2014-Slide Fire-Arizona, Logging Unit Fires-Oregon, Chiwaukum Complex Fires, WA and 2015-Wolverine Fire, WA.

Team Size

The Maui Incident Management Team currently has members credentialed to Type 3 level in the following positions: Incident Commander (2), Liaison Officer (2), Safety Officer, Operations Section Chief (2), Planning Section Chief (2), Resources Unit Leader, Logistics Section Chief (2), and Finance Administration Section Chief. It is our objective to have a roster that includes Type 3 credentialed members as: Public Information Officers, Communications Unit Leaders, Medical Unit Leaders and Situation Unit Leaders. To build team depth and resiliency we plan to have members three (3) deep in each position.

The incident complexity and duration will typically determine the size of the IMT needed. We plan to deploy with a “short team” and identify what additional resources are needed for the team. This short team will typically consist of the following: Incident Commander, Deputy Incident Commander, Safety Officer, Operations Section Chief (2), Planning Section Chief (2), Logistics Section Chief (2) and Finance Section Chief. Once the short team identifies the needs of the incident and its responders we will work with the Agency Administrator to callback additional IMT positions as needed.

Agency Participation

To date the Maui Incident Management Team Program has trained responders in Maui County, City and County of Honolulu, Kauai County, Hawaii County, the State of

Hawaii, National Guard, U.S. Coast Guard, Maui Electric Company, Maui Hotel Security Officers Association, and Goodfellow Brothers.

The following departments/agencies have attended: Maui Fire Department, Maui Police Department, Maui Civil Defense Agency, CoM-Public Works, CoM-Ocean Safety, CoM-GIS, Honolulu Fire Department, Kauai Fire Department, Hawaii County Fire Department, State Aircraft Rescue Firefighters, State DLNR-DoFaW, State Department of Health, American Medical Response, Kahului Airport management, Maui Memorial Medical Center, 93rd Civil Support Team, Hawaii National Guard, and the U.S. Coast Guard.

Train the Trainers

When we first developed our proposal to fund this IMT training, we included a “promise” to take the train the trainer courses at EMI so that we could eventually teach others.

The following personnel have been qualified to teach the listed courses:

1. David Thyne-Incident Commander, Operations Section Chief, Planning Section Chief, Logistics Section Chief, Finance/Administration Section Chief
2. Michael MacDougall-Operations Section Chief
3. Ross Ohigashi-Logistics Section Chief
4. Jeff Giesea-Operations Section Chief, Safety Officer
5. Mike McDonald-Safety Officer
6. Patrick Fukuda-Finance/Administration Section Chief
7. Kaulana Kino-Incident Commander, Planning Section Chief, Logistics Section Chief, Safety Officer

Maui Incident Management Team trainers conducted U.S. Fire Administration Type 3 All Hazards Incident Management Team courses on Oahu in April 2015 and on the Big Island in May 2015.

Community Benefits

The County of Maui and State of Hawaii now has a credentialed Type 3 All Hazard Incident Management Team that is prepared to respond as requested.

The purpose of this team is to assist any jurisdiction confronted with an incident beyond its capabilities in either complexity or duration. The team brings a robust

management framework to support the jurisdiction in stabilizing or bringing an incident to conclusion. We can assist in planning and documentation to include assistance in development of Incident Action Plans, Site Safety Plans, and resource tracking. We can also provide logistical support, public information & notification, as well as operational support and expertise.

We will continue to increase our involvement in the community to give back to those that have supported us. In December 2013 the Maui Incident Management Team managed a Prescribed Fire conducted by Maui Fire Department resources and State Forestry personnel to remove hazard fuels in the Puunoa area which is mauka of Puamana as you enter Lahaina town. Approximately 80 acres of brush and grass were “controlled burned” over a five day period in an attempt to lessen the risk of fires in the area.

On February 2-7, 2015 the Maui County Fire Department, Maui Incident Management Team, County of Maui Department of Public Works Kalaupapa National Park Service personnel and Hawaii Fire Department personnel, in consult with the Hawaii Department of Health, Maui Police Department, and the Department of Hawaiian Homelands, worked together in a multi-agency effort to conduct the exercise. In total 40 fire service personnel, 6 Law enforcement and 2 Public Works personnel were trained during the exercise. This prescribed, or controlled fire developed skills, knowledge, and abilities required to use fire as a suppression tactic during wildland fire incidents. This tactic will enable our firefighters to mitigate wildland fires more efficiently and effectively. The live fire training was conducted north of the old Kalamaula area and west of the Kalamaula Mauka subdivision on the Island of Molokai. The burn area consisted of 60 acres of wildland urban interface, broken down into separate blocks burned each day of the exercise.

It is a goal of the Maui Incident Management Team to conduct future controlled burns in other areas that are typically threatened by large brush fires.

Summary

The Maui Incident Management Team program has now trained over 250 responders in the State of Hawaii. We have also sent our members to the National Emergency Training Center to get their qualifications as position specific instructors. This will allow us to continue to build our program and ensure that we have enough depth to operate for multiple operational periods if needed. As funding allows, we will continue to deploy our trainees to national Type 1 incidents to shadow Type 1 incident management teams.

With the continued support of our administration and grant partners we hope to be a regional resource that not only deploys local incidents, but incidents within the region that require an incident management team.

4-YEAR EXPENDITURE SUMMARY FY 2014-2015 DEPARTMENT PROGRAMS

Admin./Fire & Public Safety Comm./Maintenance Garage					
	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
Personal Services:	\$ 881,440	\$ 1,046,601	\$ 1,038,703	\$ 1,169,436	\$ 1,440,515
Other Current Expenses:	\$ 1,266,363	\$ 945,038	\$ 638,510	\$ 820,338	\$ 1,090,197
Equipment:	\$ 4,020	\$ 5,438	\$ -	\$ 27,616	\$ 211,819
TOTAL	\$ 2,151,823	\$ 1,997,077	\$ 1,677,213	\$ 2,017,390	\$ 2,742,531
Fire/Rescue Operations Program					
	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
Personal Services:	\$ 20,727,952	\$20,758,923	\$ 20,420,914	\$20,767,830	\$ 24,310,236
Other Current Expenses:	\$ 2,773,209	\$ 2,596,929	\$ 2,520,553	\$ 2,538,958	\$ 2,511,229
Equipment:	\$ 128,670	\$ 587,651	\$ 532,399	\$ 56,549	\$ 396,451
TOTAL	\$ 23,629,831	\$23,943,503	\$ 23,473,866	\$23,363,337	\$ 27,217,916
Training/Health & Safety Program					
	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
Personal Services:	\$ 546,779	\$ 560,364	\$ 474,802	\$ 499,667	\$ 579,347
Other Current Expenses:	\$ 322,092	\$ 391,805	\$ 330,708	\$ 304,171	\$ 483,926
Equipment:	\$ 117,768	\$ 39,131	\$ 58,655	\$ 75,520	\$ 212,325
TOTAL	\$ 986,639	\$ 991,300	\$ 864,165	\$ 879,358	\$ 1,275,598
Fire Prevention Program					
	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
Personal Services:	\$ 536,610	\$ 578,514	\$ 610,245	\$ 640,693	\$ 696,550
Other Current Expenses:	\$ 97,553	\$ 157,313	\$ 110,445	\$ 84,308	\$ 160,361
Equipment:	\$ 145,449	\$ 10,761	\$ -	\$ 7,727	\$ 5,455
TOTAL	\$ 779,612	\$ 746,588	\$ 720,690	\$ 732,728	\$ 862,366

SUMMARY OF EXPENDITURES FINANCIAL OVERVIEW

	FY '11 BUDGET vs EXPENDED		FY '12 BUDGET vs EXPENDED		FY '13 BUDGET vs EXPENDED		FY '14 BUDGET vs EXPENDED		FY '15 BUDGET vs EXPENDED	
Personal Services:	\$ 23,451,188	\$22,692,781	\$ 23,012,054	\$22,944,402	\$ 22,894,630	\$22,544,664	\$ 23,368,572	\$23,077,626	\$ 26,858,396	\$27,026,648
Other Current Expense:	\$ 4,972,981	\$ 4,459,216	\$ 4,431,533	\$ 4,091,085	\$ 3,660,463	\$ 3,600,216	\$ 4,254,879	\$ 3,747,775	\$ 4,531,864	\$ 4,245,713
Equipment:	\$ 213,887	\$ 395,908	\$ 770,000	\$ 642,981	\$ 473,000	\$ 591,054	\$ 2,000	\$ 167,412	\$ 715,600	\$ 826,050
Total Dept. Summary:	\$ 28,638,056	\$27,547,905	\$ 28,213,587	\$27,678,468	\$ 27,028,093	\$26,735,934	\$ 27,625,451	\$26,992,813	\$ 32,105,860	\$ 32,098,411

COUNTY OF MAUI
FISCAL YEAR 2015 BUDGET IMPLEMENTATION REPORT FOR THE QUARTER ENDING JUNE 30, 2015

Department's Mission	Program Name	Program Goal	Program Objective	Success Measure	FY 2013 Actual	FY 2014 Estimate	FY 2014 Actual	FY 2015 Estimate	FY 2015 1st QTR YTD	FY 2015 2nd QTR YTD	FY 2015 3rd QTR YTD	FY 2015 4th QTR YTD
To protect and preserve life, environment, and property	Administration/ Maintenance Program	Goal #1: Continuously review, revise and develop as needed all rules, regulations, standard operating procedures and standard operating guidelines.	1. Review and update Rules and Regulations Manual adopted by the Fire Administration governing department personnel by June 30, 2015	% of updated Rules and Regulations Manual completed	20%	100%	20%	100%	70%	95%	95%	100%
			2. Develop a best practice guideline to be used as a Policies & Procedures Manual for the department's emergency operations by June 30, 2015	% of standardized guideline for emergency operations completed	25%	100%	60%	100%	60%	60%	75%	100%
		Goal #2: Provide the department with safe and operational vehicles and equipment.	1. Increase the # of preventive maintenance services to avoid costly repairs	# of preventive maintenance services completed	127	100	70	150	33	57	85	110
			2. Increase the # of repair services to ensure vehicles are operating safely	# of repairs completed	605	300	525	650	273	437	644	779
			3. Conduct 45 mandatory vehicle re-certifications annually	# of required annual re-certifications conducted	118%	100%	176%	45	21	37	53	59
		Goal #3: Be a leader in sustainable energy within the County of Maui.	1. Implement projects using alternative energy sources to reduce department's reliance on fossil fuels	# of projects completed relating to alternative energy	5	5	3	5	0	0	0	0
	2. Implement projects to reduce impact on natural resources		# of projects completed relating to waste-to-energy and recycling	5	10	2	5	1	1 ¹	1	1	
	Training Program - Training Bureau	Goal #1: Provide training to increase competencies for task, tactical and strategic positions within all emergency response capabilities.	1. Complete quarterly task level (drill schedule) training for all emergency response disciplines for a total of 9,800 units	# of units completed of drill schedule	100%	100%	100%	9,800	2,450	5,020	7,314	9,500
			2. Conduct 3 multi-company drills annually for suppression, hazardous materials and technical rescue	# of drills conducted annually	N/A	3	1	3	0	1	2	2
			3. Increase realistic training opportunities by providing access to facilities and props for 250 training sessions conducted annually	# of usage of training facility and props	54%	100%	92%	250	25	181	401	536

FISCAL YEAR 2015 BUDGET IMPLEMENTATION REPORT FOR THE QUARTER ENDING JUNE 30, 2015

Department's Mission	Program Name	Program Goal	Program Objective	Success Measure	FY 2013 Actual	FY 2014 Estimate	FY 2014 Actual	FY 2015 Estimate	FY 2015 1st QTR YTD	FY 2015 2nd QTR YTD	FY 2015 3rd QTR YTD	FY 2015 4th QTR YTD
To protect and preserve life, environment, and property	Training Program - Training Bureau	Goal #2: Standardize training levels department-wide for suppression, hazardous materials and technical rescue.	1. Conduct 8,800 fire suppression skills training units annually	# of fire suppression skills training completed	105%	100%	100%	8,800	1,876	4,446	7,490	9,744
			2. Conduct 3,000 technical rescue skills training units annually	# of completed technical rescue skills training	703%	100%	550%	3,000	1,181	2,014	2,972	4,043
			3. Conduct 750 hazardous materials skills training units annually	# of completed hazardous materials skills training	171%	100%	92%	750	110	396	532	857
		Goal #3: Provide appropriate position specific certification for suppression, hazardous materials and technical rescue response.	1. Conduct 250 new certification trainings annually	# of new certification trainings completed	370	275	186	250	40	106	160	194
			2. Conduct 990 re-certification trainings annually	# of re-certification trainings completed	329	1,073	728	990	47	374	524	743
	Goal #4: Ensure that employees provide an appropriate standard of care (within their defined scope of practice) to ill and/or injured members of our community calling for our assistance while protecting their own health and safety.	1. Complete certification of the Emergency Medical Responder (EMR) level through the National Registry of Emergency Medical Technicians (NREMT), including a valid Basic Life Support (BLS) level for healthcare providers including Cardiopulmonary Resuscitation (CPR) certificate from the American Heart Association (AHA) for all uniformed personnel by June 30, 2019	% of uniformed personnel achieving or maintaining NREMT certification at the EMR level or above	29%	100%	100%	35%	29%	29%	29%	35%	
	Training Program - Health and Safety Bureau	Goal #1: Ensure compliance with Occupational Safety and Health Administration (OSHA) Respiratory Protection Standard, in part by ensuring all members are issued properly fitting, properly functioning, and safe respiratory protection equipment adequate to the demands of their jobs and potential occupational exposures.	1. Complete annual fit testing of respirator masks for all personnel by June 30, 2015	% of uniformed personnel undergoing fit testing and being issued appropriately fitting respirator masks, per year	75%	100%	100%	100%	5%	45%	75%	98%
			2. Complete annual flow testing of all Self Contained Breathing Apparatus (SCBA) units in service by June 30, 2015	% of SCBA units in service for which flow testing was performed, per year	58%	100%	90%	100%	25%	40%	75%	85%
			3. Increase the rate of personnel performing proper inspection and end-user testing of SCBA ensembles with appropriate frequency	% of weeks per year all stations have documented proper inspection and testing	60%	100%	90%	100%	90%	100%	100%	100%
		Goal #2: Enhance the overall health and wellness of all departmental staff.	1. Complete annual physical exam to all 309 uniformed employees and mechanics	# of personnel receiving physical exams annually	88%	100%	88%	309	3	6	214	250
To protect and preserve life, environment, and property	Training Program - Health and Safety Bureau	Goal #2: Enhance the overall health and wellness of all departmental staff (Cont'd).	2. Provide 4 modules annually to keep all members up-to-date on relevant health/fitness education	# of modules made available to personnel	0%	100%	100%	4	1	1	3	4
		Goal #3: Reduce the incidence/likelihood of occupational injuries and deaths due to poor fitness, while enhancing the	1. Maintain the rate of uniformed personnel receiving a position-appropriate medical exam and fitness assessment at 100% per year	% of uniformed personnel receiving a position-appropriate medical exam and fitness assessment per year	83%	100%	38%	100%	1%	1%	69%	69%

FISCAL YEAR 2015 BUDGET IMPLEMENTATION REPORT FOR THE QUARTER ENDING JUNE 30, 2015

Department's Mission	Program Name	Program Goal	Program Objective	Success Measure	FY 2013 Actual	FY 2014 Estimate	FY 2014 Actual	FY 2015 Estimate	FY 2015 1st QTR YTD	FY 2015 2nd QTR YTD	FY 2015 3rd QTR YTD	FY 2015 4th QTR YTD
		efficiency of our members in the performance of physically demanding job tasks to provide more effective and safe emergency services to the public.	2. Increase the rate of personnel with an individualized fitness regimen, along with equipment and instruction necessary to follow it safely and effectively while on duty, annually	% of personnel per year prescribed and instructed in an individualized fitness regimen that can be performed on duty	25%	100%	100%	100%	25%	25%	70%	100%
	Fire/Rescue Operations Program	Goal #1: Manage the tracking system effectively and efficiently to provide accurate data on department calls for services and responses to emergencies.	1. Provide accurate statistical data to be used for National Fire Incident Reporting System (NFIRS) reporting, and data analysis for budget and reporting purposes	% of accurate data on department responses to emergencies	100%	100%	100%	100%	100%	100%	100%	100%
		Goal #2: Improve the department's response times in rural, suburban and urban areas to meet deployment benchmarks.	1. Improve the rate of initial response turnout time within 2 minutes by 40%	% of initial response times within 2 minutes	33%	90%	32%	70%	30%	34%	31%	100%
			2. Improve the rate of initial response turnout time within 6 minutes and 30 seconds by 30%	% of initial response times within 6 minutes and 30 seconds	39%	90%	83%	70%	99%	98%	98%	100%
		Goal #3: Improve the department's pre-fire planning to effectively and safely deal with all fire and rescue incidents.	1. Maintain the # of pre-plans conducted annually by fire crews assigned to an apparatus by 612 or more	# of pre-plans conducted annually	406	612	230	612	161	197	261	543
	Fire Prevention Program (General Fund)	Goal #1: Reduce the threat of fire, injury and property loss by conducting fire inspections at intervals consistent with applicable laws and department policies.	1. Complete inspection of 700 establishments or facilities annually	# of establishments or facilities inspected/re-inspected	165%	100%	121%	700	245	585	776	901
			2. Complete 100 brush and weed abatement inspections annually	# of brush and weed abatement inspections completed annually	96	100	203	100	97	113	132	194
			3. Complete inspection all 33 public schools annually	# of public schools, K-12, inspected/re-inspected	100%	100%	100%	33	0	11	25	33

COUNTY OF MAUI
FISCAL YEAR 2015 BUDGET IMPLEMENTATION REPORT FOR THE QUARTER ENDING JUNE 30, 2015

Department's Mission	Program Name	Program Goal	Program Objective	Success Measure	FY 2013 Actual	FY 2014 Estimate	FY 2014 Actual	FY 2015 Estimate	FY 2015 1st QTR YTD	FY 2015 2nd QTR YTD	FY 2015 3rd QTR YTD	FY 2015 4th QTR YTD
To protect and preserve life, environment, and property	Fire Prevention Program (General Fund)	Goal #2: Provide quality fire education programs for the citizens of Maui County and promote fire prevention and public safety education programs.	1. Conduct at least a minimum of 150 fire safety presentations annually	# of fire safety presentations conducted annually	264	100	265	150	27	113	198	229
			2. Increase the # of portable fire extinguisher trainings conducted annually	# of persons provided portable fire extinguisher training	642	1,500	750	1,000	190	362	446	676
			3. Increase the # of Fire Fighter Safety guides distributed to elementary students annually	# of Fire Fighter Safety guides distributed to elementary students	N/A	13,500	13,200	13,200	13,200	13,200	13,200	13,200
		Goal #3: Conduct thorough fire investigations.	1. Conduct an estimated 40 thorough fire investigations annually	# of in-depth fire investigations conducted	148%	100%	155%	40	19	28	41	57
			2. Decrease the rate of fire investigations concluded to be caused by arson	% of fire investigations deemed caused by arson	16%	0%	29%	0%	16%	14%	25%	19%
	Fire Prevention (Revolving Fund)	Goal #1: Provide timely and quality customer service to permit applicants during the plans review process.	1. Increase the rate of plans reviewed within 14 days from the application date by 10%	# of plans reviewed	2,208	2,000	2,973	2,000	668	1,326	2,006	2,735
				% of plans reviewed within 14 days	100%	90%	100%	100%	100%	100%	100%	100%
		Goal #2: Reduce the threat of fire and property loss through enforcement by removing brush, debris and other potential fire hazards from designated properties.	1. Increase the # of lots of which brush, debris and other potential fire hazards from designated properties have been removed	# of lots cleared	N/A	5	0	5	1	2	2	2
	Notes:											
¹ 2nd quarter measurement was incorrectly reported as 10. Department corrected the measurement to 1 during report of its 3rd quarter measures.												