



Port Angeles Fire Department 2011 Annual Report



It is the purpose of the Port Angeles Fire Department to improve the quality of life for the citizens and visitors of the City while providing a broad range of services designed to save lives and property



Submitted to the citizens of our community and the Port Angeles City Council

2011 Annual Report

Table of Contents

Fire Chief's Message	Page	1
Public Safety Advisory Board		2
Organizational Chart		3
Goals – 2011 Work Plan		4
Goal Supported Accomplishments		5
Performance Measures		10
General Information		
Spending & Staffing		
Workload		
Results		
Division Reports		23
Fire Prevention / Education		
Training		

Division Reports (<i>continued</i>)	Page	33
Citizen First Aid / CPR		
Support Officer Program		
Emergency Management		
Technical Rescue		
SCBA Maintenance		
Vehicle Maintenance		
Water Supply Improvements		39
Consolidation		40
Community Involvement		41
Back in Time		42
Personnel Rosters		43

Fire Chief's Message



Under the direction of the City Council and the City Manager, it is my pleasure to submit to the community the Port Angeles Fire Department's 2011 Annual Report. This report has been prepared to highlight the activities accomplished by each of the Department's divisions and to provide statistical information on the services offered by the Department.

2011 was an eventful year for the Department. One of the more significant developments was the postponement of the process to move forward with the formation of a Regional Fire Authority with Clallam County Fire District #2. While I feel that it is unfortunate that the process has been put on hold, I truly believe that this effort has been worthwhile – not only because I believe it will result in a higher level of service for our community, but also because it has provided a foundation upon which we have found new and more innovative ways to work closer, and more efficiently, with the District. I am grateful for the hard work and positive contributions of those who have been involved.

I still believe that our collective vision for a regional emergency services system is sound. The community does not stop at invisible geo-political boundaries. Citizens of the City work and shop in the County, and citizens of the County also work and shop in the City. We all have family and friends in both the City and County. It simply makes sense that as a community, we should all have access to an emergency services system that provides a consistent level of care.

I am proud to be a part of the Port Angeles Fire Department and I consider it an honor to work with such a dedicated, caring group. This department is made up of career and volunteer personnel who work very hard to provide the highest possible level of service to their community.

Dan McKeen, Fire Chief

Public Safety Advisory Board



The notion that we are fortunate to live on the Olympic Peninsula and in the City of Port Angeles is borne out daily through our exceptional quality of life. The magnificent backdrop of the majestic Olympic Mountains found in the most pristine setting protected by the Olympic National Park, stand as a constant reminder of the strength and diversity of our natural surroundings. The unmatched strength of our citizens is also a hallmark of our area. Port Angeles is home for the most giving, involved and community minded folks I have even known.

The spirit of volunteerism is epic in our area. We seem to realize that we are all in this together. To the extent that we are bound together as friends and neighbors, we must do what we can to make a difference in our quality of life by helping those around us in whatever way we may choose. My fellow volunteers who serve on the Public Safety Advisory Board share the vision that Public Safety cannot insure the maintenance of our quality of life without citizen involvement. The professionalism and dedication by all of our Police, Fire, Medical and 911 folks in Port Angeles are second to none and operate in partnership with our citizens to insure the safety of our residents.

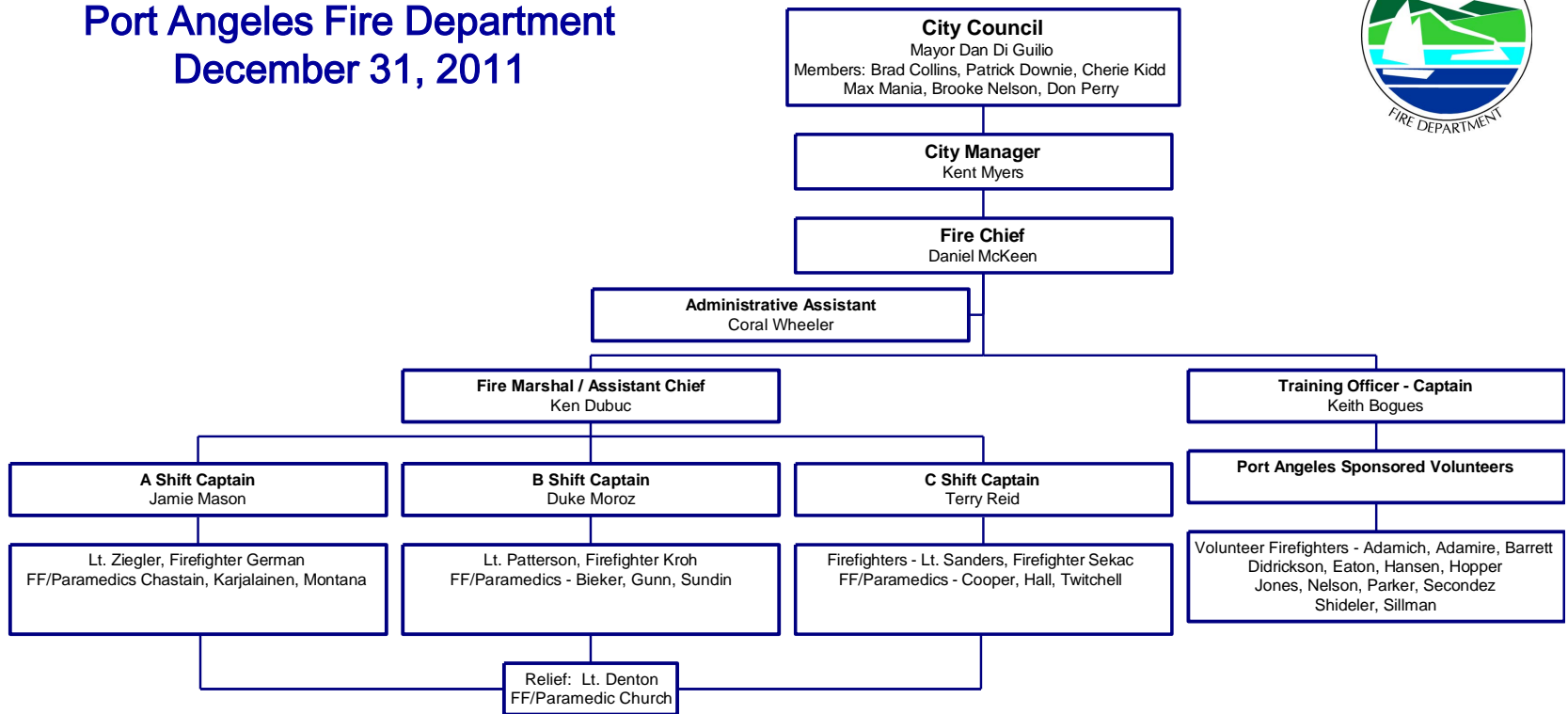
Quality of life is not just a slogan; it is the aggregate strength of citizens and government working in concert for the betterment of all. We extend our gratitude to all folks in public service whether professionally or as citizen volunteers, reaching out to make a difference in each others lives.

Alan Barnard, Chair

2011 Board Members: Alan Barnard, Karen Blore, Evan Brown, Joe Fisk, Kathy Steinkamp, Dan Sterling, Dennis Wilcox, and Ed Zoble.

2011 Organizational Chart

Port Angeles Fire Department December 31, 2011



Fire Department Goals

2011 Work Plan

The annual work plan is a management tool that sets direction for program and service levels. It is a management-by-objective plan that ensures budget planning, accountability, program improvement and specific timelines for accomplishments.

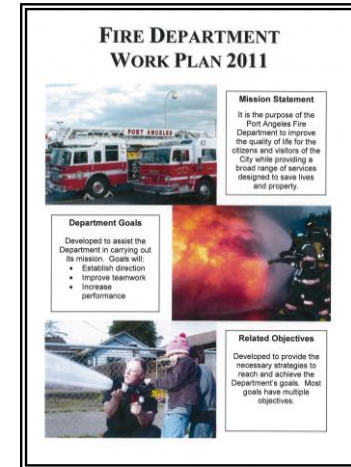
Quarterly reviews are used to monitor progress and promote successful completion of goals and objectives.

Work objectives and action plans were developed for six council directed goals:

- ✓ **Ensure financial stability**
- ✓ **Encourage fiscal efficiency and effectiveness through partnerships with other governmental agencies**
- ✓ **Reduce the occurrence and severity of emergency incidents**
- ✓ **Assist with community preparedness for catastrophic events**
- ✓ **Promote increased performance and quality throughout the Port Angeles Fire Department**

Each objective is given a priority based upon the following:

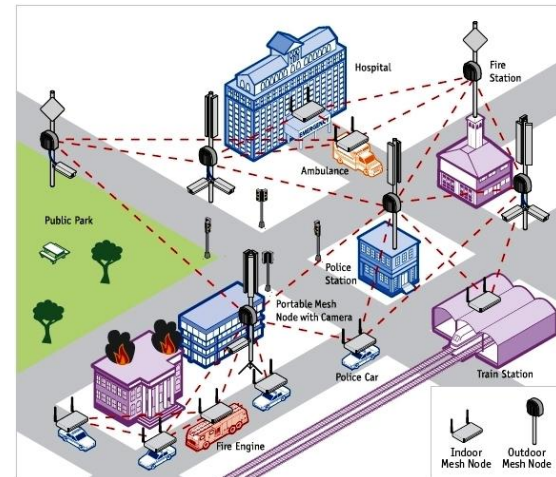
- ✓ **High** – Assists the Department in providing a safer working environment or is necessary to ensure progress in essential fire department services.
- ✓ **Medium** – Produces a more desired condition as related to essential services.
- ✓ **Low** – Improves an existing adequate program.



2011 Goal Supported Accomplishments

Ensure financial stability

- ✓ Both the Fire and Police Departments continue to actively pursue grant opportunities that become available and public safety has received some very favorable results in 2011. At the December City Council meeting, the Council approved acceptance of a grant that will facilitate the installation of a wireless “mesh” network throughout the City. This network will enable all public safety personnel to access wireless high speed data from any point in the City.



The Police and Public Works Departments have taken the lead on this grant and the final acceptance is a huge accomplishment.

- ✓ The Fire Department has also received notice that it will likely receive almost a half million dollars worth of grants from the Department of Homeland Security. These grants will enable us to purchase specialized firefighting equipment and training that will improve our emergency response within the port environment.

2011 Goal Supported Accomplishments

Encourage fiscal efficiency and effectiveness through partnerships with other governmental agencies

- ✓ The Port Angeles Fire Department and Clallam County Fire District #2 functionally consolidated volunteer firefighter programs several years ago. This has been a very successful arrangement that has allowed both Departments to share and utilize the limited personnel resources that are available locally.



Now that we have had several years of experience with this functional consolidation, it is time to take a close look at how well it is working and consider modifications that might be made. Our intent is to look for ways where we can increase the effectiveness of the many cooperative agreements that we currently have. As an example, we are looking at how volunteer personnel are assigned to stations and how they are notified for responses.

We began this review in 2011 and expect to complete some modifications and implement them in 2012.

2011 Goal Supported Accomplishments

Reduce the occurrence and severity of emergency incidents

- ✓ The Department has received notice that it has been the successful recipient of a grant from the Department of Homeland Security. As a part of that grant, the Department will be receiving at least 5 Mobile Data Terminals (MDT's) that will be installed in our primary emergency response vehicles. These MDT's are laptop computers that will provide instant access to information, including facility pre-fire plans for the entire City, as well as fire alarm, fire sprinkler and emergency contact information for all businesses. Coupled with the wireless mesh network that will be installed, these MDT's will be a considerable enhancement to our field operational capability.
- ✓ The Fire Department has worked closely with the Police Department on a collaborative effort to provide Automatic External Defibrillators (AED's) for placement in patrol vehicles. AED's have been proven to be lifesavers when they are utilized soon after a person goes into cardiac arrest. For every minute saved in the application of an AED, you can increase the chance of survival by up to 10%. Since these AED's have been placed in patrol cars, they have been utilized on several occasions.



Fire Lieutenant Kevin Denton
and Police Officer Sky Sexton

2011 Goal Supported Accomplishments

Assist with community preparedness for catastrophic events

- ✓ In October, personnel from Fire, Public Works and Finance attended a training session sponsored by the Washington State Department of Emergency Management. At this training, attendees were instructed in the procedures for gathering and reporting damage assessment information. The proper documentation of this information following a disaster event is absolutely critical for the timely processing of damage claims. Information was also provided concerning the proper methods for executing mitigation contracts and for the execution of agreements and the procurement of materials and equipment.
- ✓ The Fire Department is starting a review of the Comprehensive Emergency Management Plan (CEMP). Initiated by a change in the CEMP formatting at the State level, this review will ensure that both the City and County CEMP's are up to date and are formatted the same as the State and Federal planning documents.
- ✓ In early December the Fire Department participated in a tabletop exercise designed to bring together various emergency response organizations who would respond to a multi-casualty incident onboard the Coho ferry. The exercise illustrated the complexity of the coordination required between local, State, Federal and private responders.

2011 Goal Supported Accomplishments

Promote increased performance and quality throughout the Port Angeles Fire Department

- ✓ In 2011, the City implemented a succession plan. The City plan complements a Fire Department plan that has been in place for several years. The Fire Department is committed to the long-term development of our personnel, with the intent to provide the tools to enable them to be successful both within the Department and outside as well. Along those lines, the Fire Department succession plan is incorporated into the Union Contract, the Department Standard Operating Guidelines and the employee appraisal system. We firmly believe that one of the most important things that we do as a Department is to hire and promote the best possible personnel for the job.



A significant element of our succession plan is the provision of training and educational opportunities that help our personnel meet promotional requirements so that they can effectively compete for opportunities that may arise. We strive to provide many of those opportunities locally so that we can increase availability and participation in a cost effective manner.

2011 Performance Measures

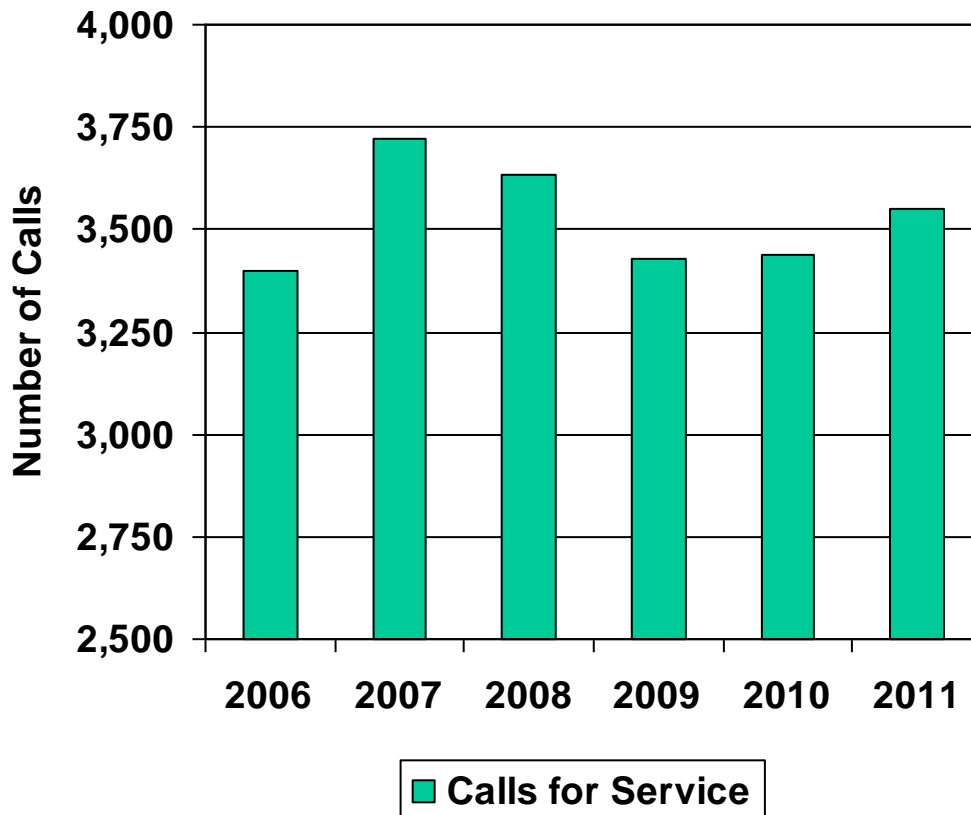
- ✓ Measurements that gauge the Fire Department's program efficiency and effectiveness relative to a meaningful standard or baseline.
- ✓ Performance and productivity measures that will allow comparison with other cities and fire departments.

For this report, the measures are grouped into four categories:

- General Information
- Spending & Staffing (Inputs)
- Work Load (Outputs)
- Results (Outcome)

2011 Performance Indicators

General Information - Total Number of Calls

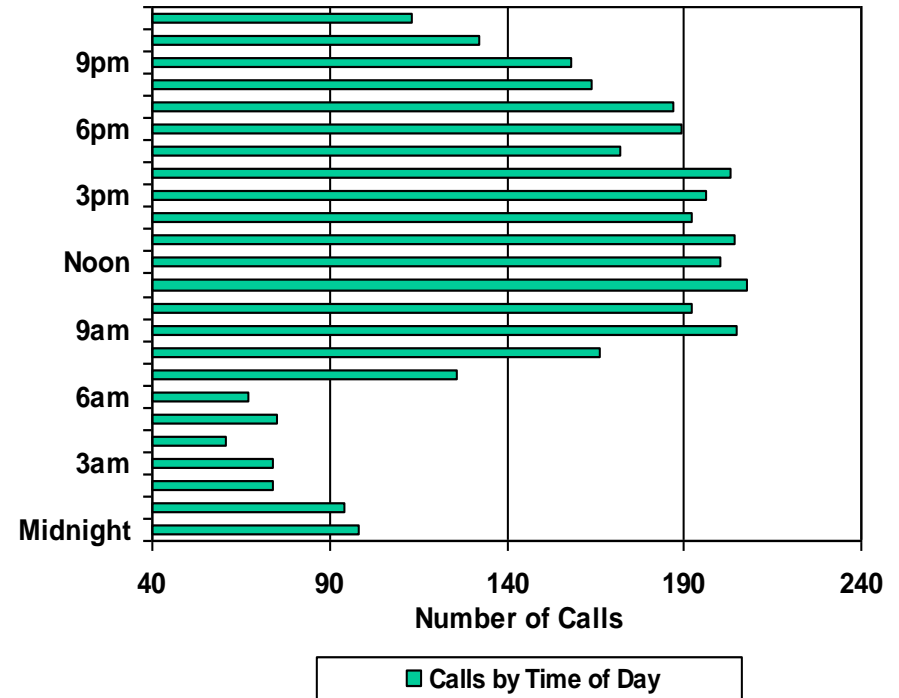
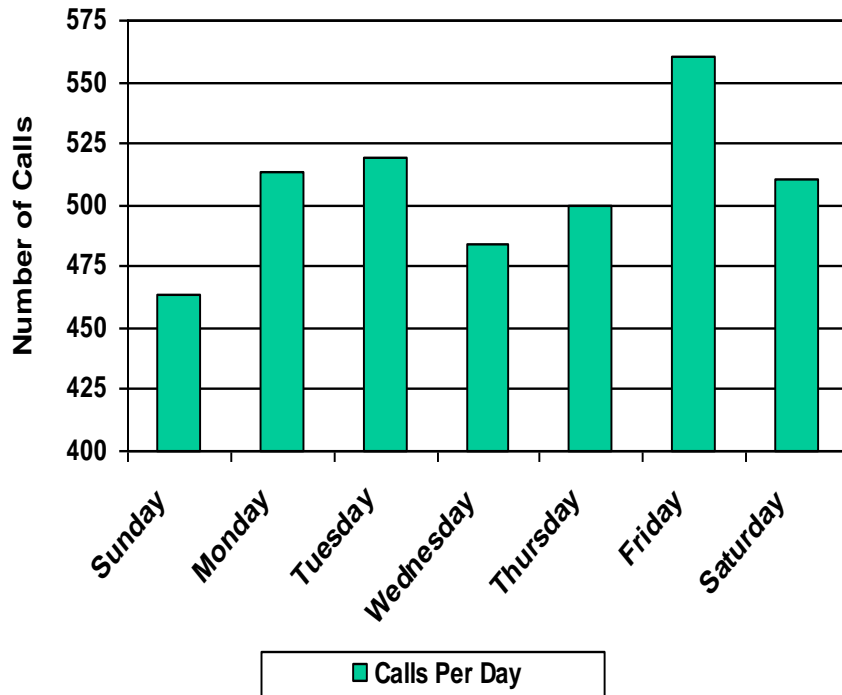


Six Year Call Trend

- In 2011, the PAFD experienced a 3.3% increase in total calls over the previous year.
- On January 1, 2008, Port Angeles Care Nursing Home (PA Care) relocated to Sequim. Historically, PA Care represented 6% of the Department's annual calls for service.
- 2011 calls represent a request for service on the average of 9.7 calls per day.

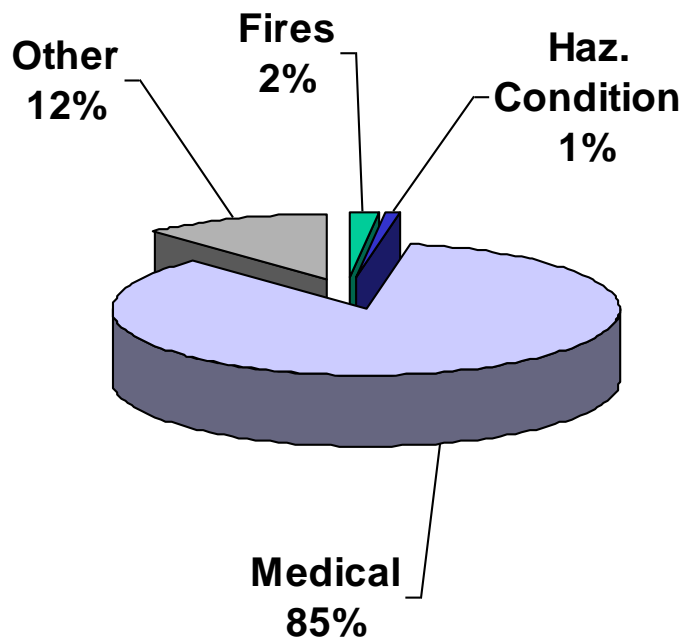
2011 Performance Indicators

General Information – Calls Per Day & Time of Day



2011 Performance Indicators

General Information - Activity by Type



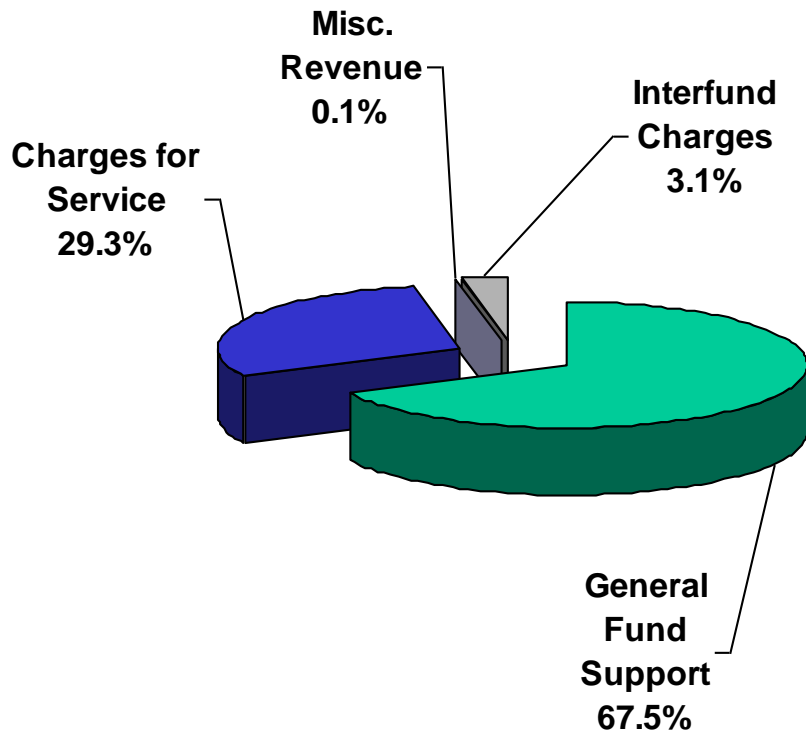
Activity by Type

- Fires – 69
- Hazardous Condition (No Fire) – 30
- Medical Aid – 3,030
- Other – 421
- Total Calls – 3,550

“Other” includes severe weather (disaster), false alarms, service calls, good intent calls and citizen complaints

2011 Performance Indicators

General Information – Source of Funding

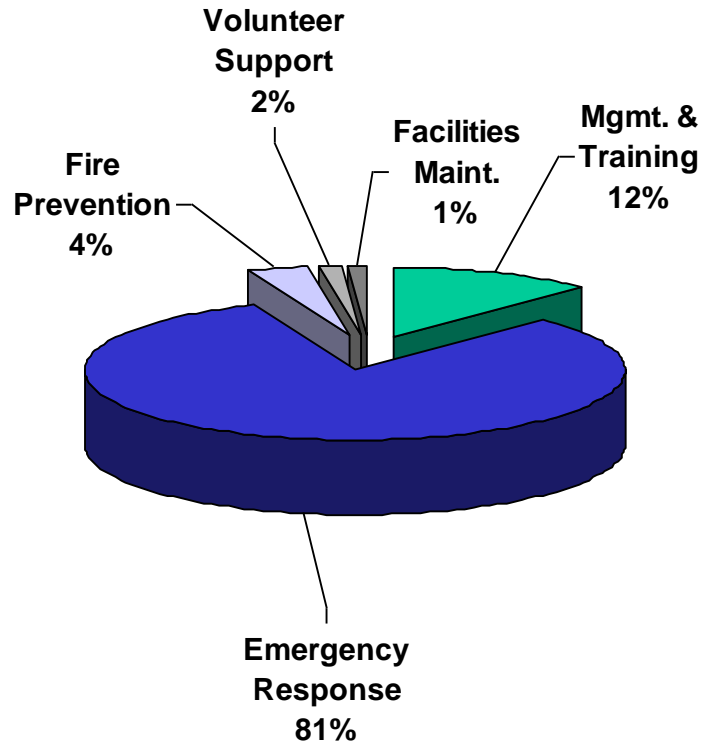


Funding by Source

- Information contained in this section is based upon the Department's amended 2011 budget and includes the City's Medic 1 Utility, which is operated by the Fire Department.
- The Fire Department contributed 32.6% of its own budget, or \$1,272,858.
- The City's General Fund contribution to the Fire Department, less revenue generated, was \$2,644,704.

2011 Performance Indicators

General Information – Where the Funds are Allocated

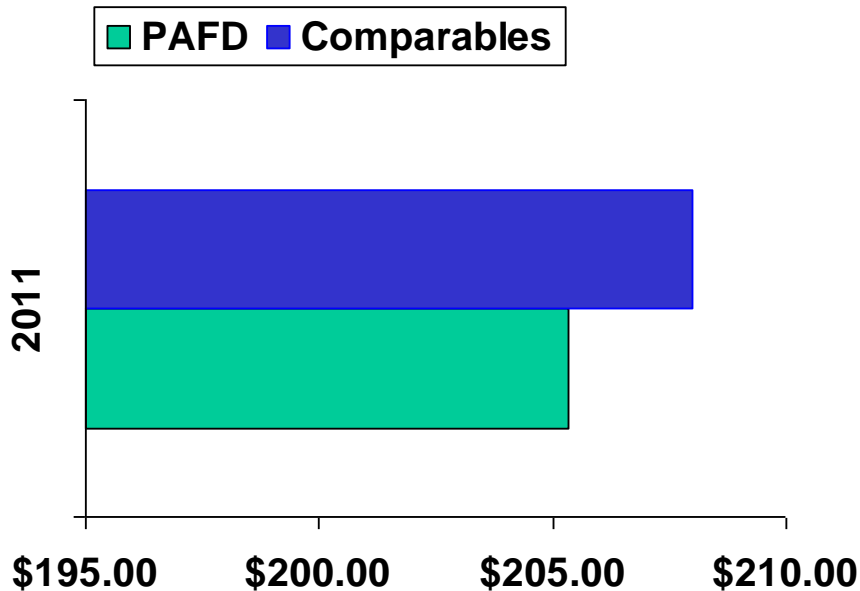


Fund Allocation

- The Fire Department has five major functional areas.
 - Personnel management and training – includes emergency management
 - Emergency response – includes emergency readiness, fire suppression, medical, hazardous materials and technical rescue
 - Fire prevention
 - Volunteer support
 - Facilities maintenance

2011 Performance Indicators

Spending & Staffing - Spending All Programs



Port Angeles Fire Dept.

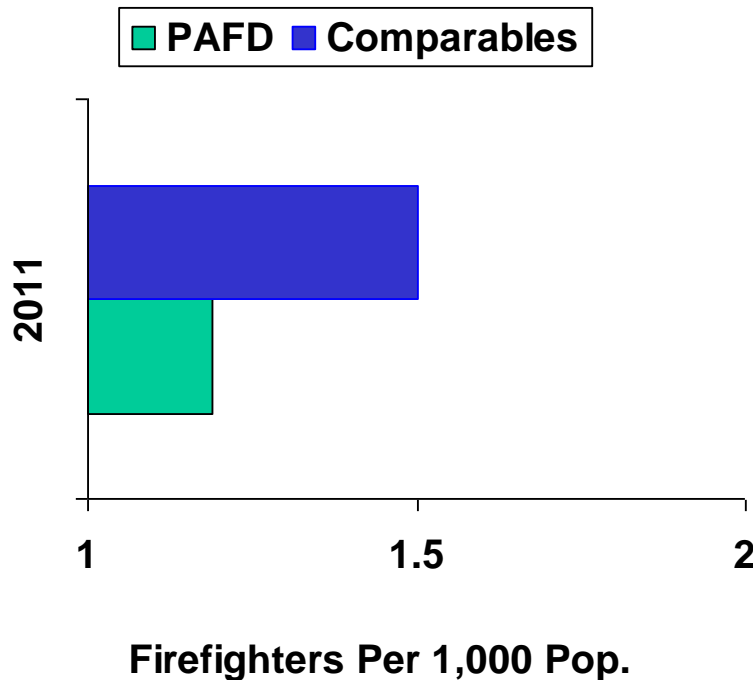
- The cost of fire/medical protection per capita in 2011 was \$205.32. This figure is based on the 2011 combined (amended) fire/EMS budget of \$3,917,562 and a population of 19,080.

Comparables

- Cities used for comparison include Aberdeen, Mt. Vernon, Mukilteo, and Tumwater. *Aberdeen and Tumwater provide paramedic services for outlying jurisdictions in addition to their own jurisdiction.*
- The average cost of fire/medical protection per capita for comparison cities in 2011 was \$208.00.

2011 Performance Indicators

Spending & Staffing - Staffing All Programs



Port Angeles Fire Dept.

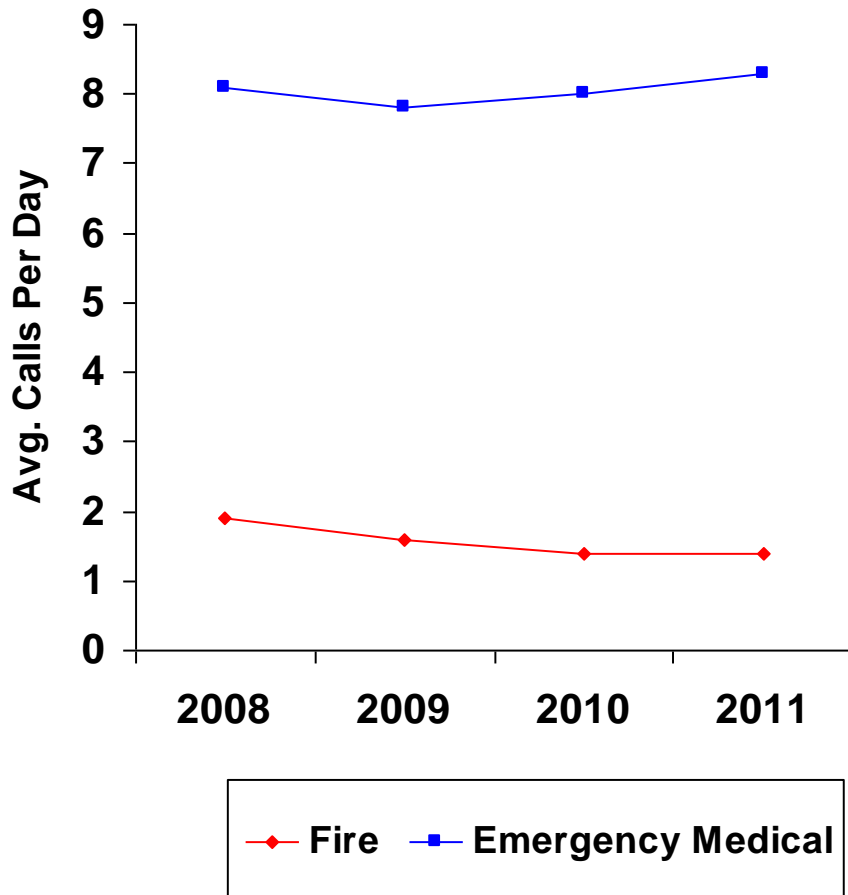
- The number of career firefighters per 1,000 population in 2011 was 1.2. This figure is based on 23 career firefighters and a population of 19,080.
- In 2011, the Department provided minimum two-paramedic staffing 100% of the time and provided minimum 5 firefighter staffing (including paramedics) 66% of the time.

Comparables

- Cities used for comparison include Aberdeen, Mt. Vernon, Mukilteo, and Tumwater. *Aberdeen, and Tumwater provide paramedic services for outlying jurisdictions in addition to their own jurisdiction.*
- *Mt. Vernon and Tumwater utilize volunteers in addition to career staff.*
- The average number of career firefighters in 2011 was 1.5.

2011 Performance Indicators

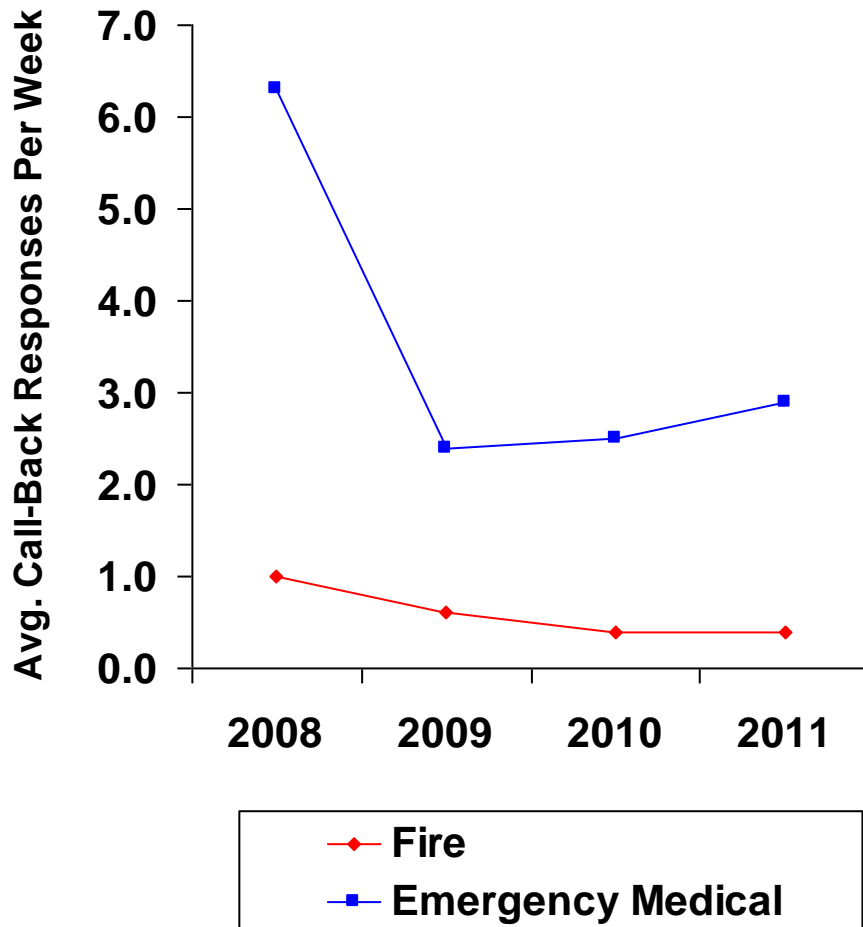
Work Load – Average Daily Responses



- The graph represents the average daily responses made by the Department.
- The graph includes simultaneous responses covered by call-back (off-duty career and volunteer) firefighters. *These calls are separated on the next slide.*

2011 Performance Indicators

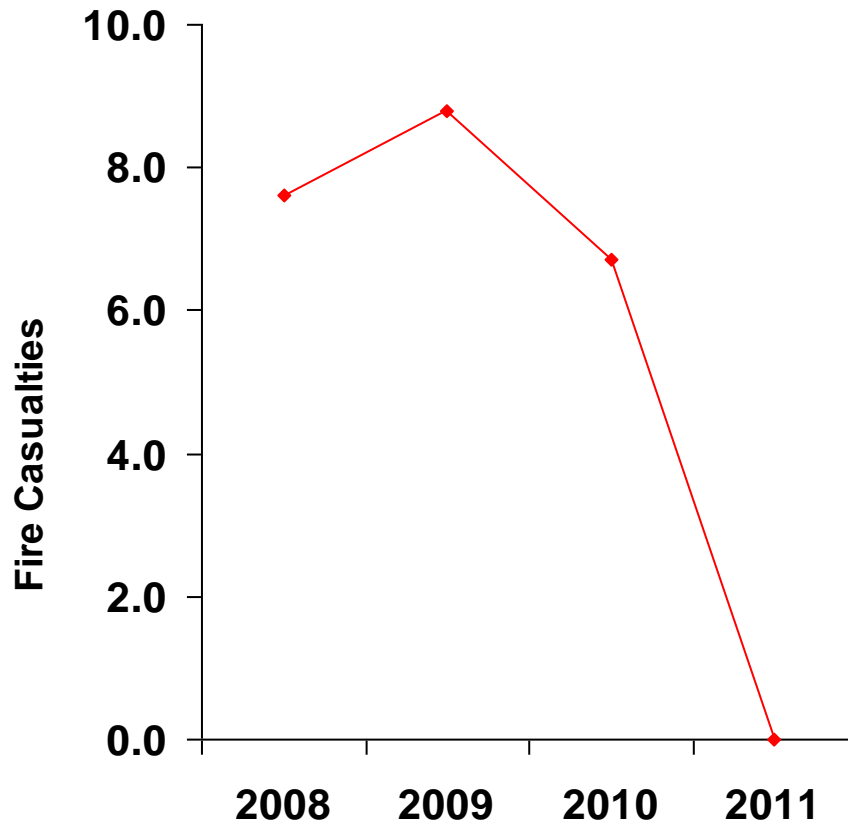
Work Load – Average Weekly “Call-Back” Responses



- The graph represents the average weekly responses for call-back (off-duty career and volunteer) firefighters.
- In 2011, 34% of the total responses were requests for assistance that occurred while a separate incident was in progress.
- For EMS the graph primarily illustrates the call-back responses required to cover overlapping requests for medical assistance.
- For fire, the graph primarily illustrates the call-back of personnel required to assist at major structure fires or protracted emergency incidents other than EMS.

2011 Performance Indicators

Results – Fire Casualties



Casualties

- There were no civilian fire deaths in 2011.
- There were no civilian injuries due to fire in 2011.
- There were no firefighter injuries due to fire in 2011.

—◆ Casualties per 100 Fires

2011 Performance Indicators

Results – Response Time

	Standard / Met	
Turnout Time: 2 minutes	90%	No
First Arriving Apparatus at Fire : 8 minutes	90%	Yes
Full First Alarm Fire Response (14 or 15 Personnel): 18 minutes <i>In 2011: Minimum response - 12 personnel / Maximum response - 17 personnel</i>	90%	No
Emergency Medical (BLS): 8 minutes	90%	Yes
Emergency Medical (ALS): 8 minutes	90%	Yes
Hazardous Materials (Operations): 8 minutes	90%	Yes
Technical Rescue (Operations): 8 minutes	90%	N/A
Marine Response: 28 minutes	90%	N/A
Wildland Fire – First Engine: 8 minutes	90%	Yes

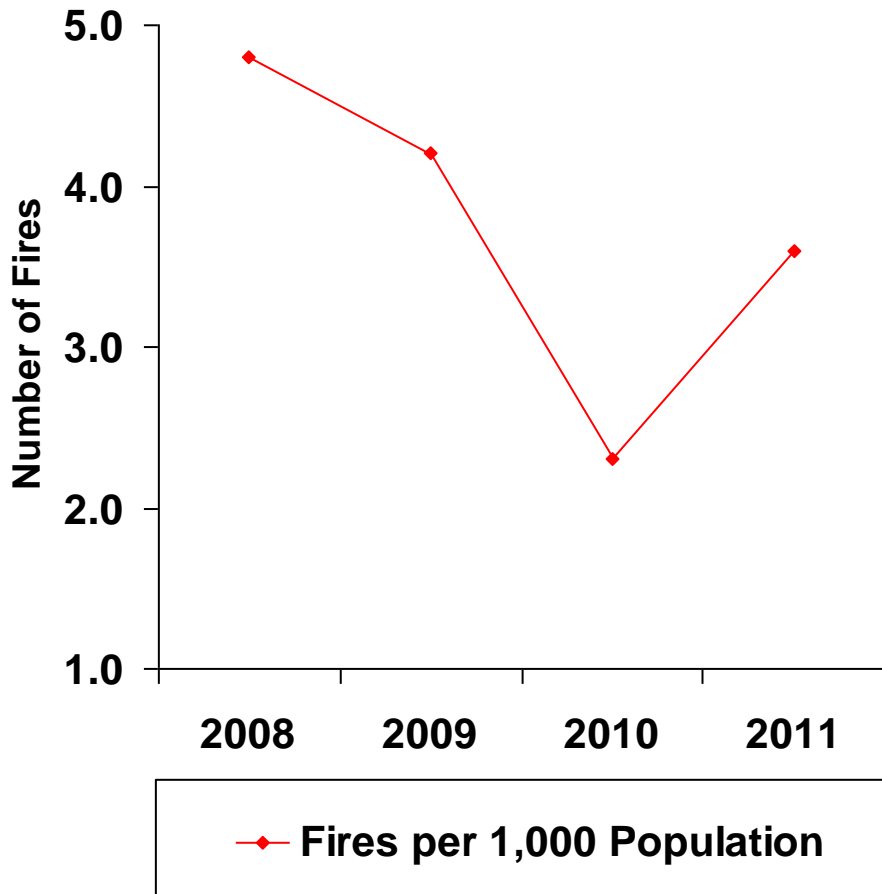
The response time standards shown above represent both urgent and non-urgent responses.

Response Times

- Firefighters respond to a wide variety of situations, including fires, medical emergencies, traumatic injuries, rescues, and hazardous material incidents. The incidents are both unscheduled and urgent. The common factor in all these situations is the critical need for a rapid response time. Measuring response time is a key to judging Department performance that maximizes the opportunities for positive outcomes.
- Legislation requires career fire departments to establish response time standards and report the outcomes annually. The table to the left illustrates the response standards that were adopted by City Council in 2008 and whether those standards were met during 2011.

2011 Performance Indicators

Results – Fires Per 1,000 Population



Fires

- The City's annual number of fires represents a **53% increase** over the previous year.
- In 2011, the value of property protected was approximately **\$1,735,945,788**.
- The average loss per fire **decreased** significantly in 2011 over the previous year.

2011 Division Reports

Division Descriptions

The Fire Department provides emergency services through a combination of career and volunteer firefighters. Department staff is responsible for protecting life and property from fire, hazardous materials, natural or man-made disasters, as well as for responding to medical emergencies. Administration oversees the following four divisions within the Fire Department that fulfill and support these responsibilities:

Fire Suppression responds to emergency calls performing technical rescue when needed and to protect life and property from fires. Personnel from this division assist with significant emergency medical responses and assist with fire and life safety inspections for local business.

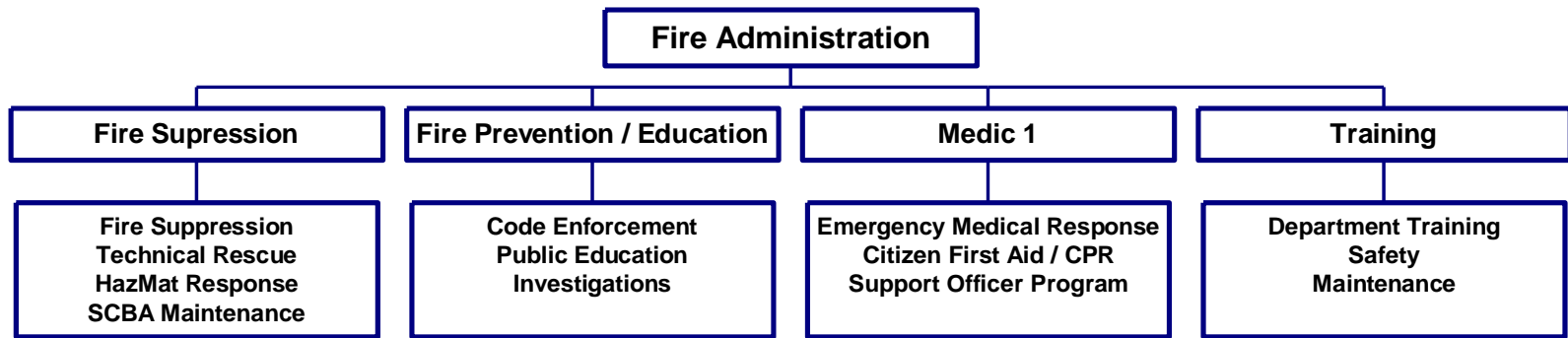
Fire Prevention / Education attempts to prevent and reduce the impact of the variety of emergencies to which fire department personnel potentially respond by providing fire and life safety education to the public. In addition, the fire prevention division works with developers and contractors to maximize life safety through the building design and construction process. The Fire Department also works with building owners to ensure that life safety is maintained after a building is occupied.

Medic 1 provides both basic and advanced life support services for City residents. Medic 1 personnel respond to all fire calls and special operations. The Medic 1 division also provides CPR and first aid classes designed to provide citizens with the skills necessary to save a life.

Training provides fire department personnel with the training necessary to competently and safely respond to a broad range of emergencies. The training division is also responsible for vehicle and facility maintenance.

2011 Division Reports

Division Organizational Chart



The following areas are contained within the 2011 Division Reports:

- ✓ Fire Prevention / Education
- ✓ Training
- ✓ Citizen First Aid / CPR
- ✓ Support Officer Program
- ✓ Emergency Management
- ✓ Technical Rescue
- ✓ Self-Contained Breathing Apparatus (SCBA) Maintenance
- ✓ Vehicle Maintenance

2011 Division Reports

Fire Prevention / Education

The majority of **fire inspections** are conducted by the on-duty firefighters. The inspections not only serve as an important part of the overall fire prevention effort, they also provide an opportunity for firefighters to walk through the majority of structures in the City, enabling them to become familiar with their layout, their contents and their construction.

Several of the more complex occupancies in the City are inspected directly by the Fire Marshal. These occupancies include Nippon Paper and Olympic Medical Center. In addition, many other **specialized inspections** are conducted by the Fire Marshal. These include; inspections prior to shipboard hot-work, inspection of underground fuel tank installations and abandonments, inspections in conjunction with certificates of occupancy, the inspection of all in-home daycares and the inspection and testing of all new fire alarm and fire sprinkler systems.

2011 Inspection Activity	
Total Inspections	1,022
Hazards Noted	425
Corrections Completed	308
Special Inspections	
Permits	116
Cert. of Occupancy	48

2011 Division Reports

Fire Prevention / Education

During the **plan review** process, the Fire Department works carefully to ensure that all new building plans meet the intent of the International Fire and Building Codes as well as other applicable National Standards.

Plans for buildings, fire sprinkler systems, fire alarm systems, restaurant hood and duct suppression systems and other specialized fire protection systems are all reviewed. When reviewing plans, The Fire Department is not only working as a reviewer, but also as an advocate for the owner, ensuring that systems are not overbuilt.

2011 Plan Review Activity	
Building Plans Reviewed	24
Sprinkler Plans Reviewed	17
Fire Alarm Plans Reviewed	4
Hood and Duct Systems	3
Planning Dept. Reviews	11
Building Application Reviews	106

2011 Division Reports

Fire Prevention / Education

A vital part of any effective fire prevention program is an active **public education** effort. The most cost-effective way to combat the fire problem is to prevent fires before they start, and the most cost-effective way to prevent fires from starting is to educate the public about fires.

An effective public education program should start with persons at an early age and continue throughout their lives. Obviously the content and delivery will change as the audience grows older and matures. The Port Angeles Fire Department provides public education opportunities for thousands of individuals ranging from pre-schoolers to senior citizens.

2011 Public Education Activity	
Lectures, Classes, Station Tours	61
# of Public Education Contacts	1,038
2011 was the 77th year of Sparky Week! Once again, for the 77th year in a row, hundreds of Port Angeles 2nd grade schoolchildren were transported to the fire station for a fun and informative fire safety presentation. This incredibly successful Fire Prevention Week activity has become a tradition that grandparents actually share with their grandchildren!	

2011 Division Reports

Fire Prevention / Fire Investigation

The Fire Prevention Division **investigates** all significant fires that occur in the City. Fires are investigated in order to determine the origin of the fire and the cause of the fire. Finding the origin and cause of a fire can help investigators determine whether or not a crime has occurred, but more importantly, the investigation may enable the Department to prevent a similar occurrence through directed prevention efforts.

If a fire is determined to be suspicious in nature, the Fire Department investigators work closely with the Police Department in order to process the scene and follow-up with necessary investigative work. The Port Angeles Fire Department also works closely with local and regional fire investigation teams.

2011 Fire Investigation Activity

Fires Investigated	3
--------------------	---

We investigated 3 major fires in 2011, a significant reduction from the previous year. One of the fires was a result of an electrical wiring problem, one started in a clothes dryer and one started at an unattended stove.

All of the department officers have had basic fire investigation training and are able to handle the majority of the fire investigations that the Department is faced with.

2011 Division Reports

Training

In order for the Fire Department to effectively and safely prevent and/or mitigate the variety of incidents to which it responds, its personnel must be adequately prepared through a comprehensive training program. Training of personnel, or professional development, involves not only conducting “hands-on” skills practice, but also providing opportunities for formal education and enrollment in associations.

Training Provided to PAFD Personnel

- **Response Training**
 - Fire Suppression
 - Emergency Medical
 - Special Operations
 - Firefighter Safety
 - Personal Protective Equipment
- **Specialized Emergency Medical**
- **Company Officer Development**
- **Personal Development**
- **Recruit Academy**
- **Associations / Councils**

2011 Division Reports

Training - Response

- **Fire Suppression**
 - Strategy & Tactics
 - Live Fire Training
 - Search & Rescue
 - Overhaul
 - Rapid Intervention Teams
 - Incident Command
- **Special Operations**
 - Shore-Based Water Rescue
 - Confined Space *
 - Rope Rescue *
 - Hazardous Materials *
- **Emergency Medical**
 - Monthly Paramedic In-service *
 - Monthly Medical Incident Review *
Medic-1 quality assurance program
 - EMT Refresher *
 - Mass Casualty Incidents
- **Firefighter Safety**
 - Respiratory Protection *
 - Asbestos Awareness *
 - Hazard Communication *
 - Hearing Conservation *
 - Passport Accountability *
 - Bloodborne / Airborne Pathogens *
- **Personal Protective Equipment (PPE)**
 - Quarterly Breathing Apparatus Competency *
 - PPE Equipment Limitations *
 - SCBA Limitations *

* ***Mandatory Annual Training***

2011 Division Reports

Training – *Company Officer and Personal Development*

- ✓ The achievement of International Fire Service Accreditation Congress (IFSAC) certification is the benchmark for fire service competency. Port Angeles Fire embraces the certification of its members as a sign of the Department's commitment to the profession and as a signal to the general public that we are willing to invest in initial and ongoing education.
- ✓ In 2011, the Port Angeles Fire Department and Clallam Fire District #2 graduated 10 volunteer firefighters. They were trained in the proper use of firefighting tools and equipment and learned a variety of other essential skills needed to perform safely and effectively as part of a firefighting team. These individuals received IFSAC certifications in Hazmat Awareness, Hazmat Operations and Firefighter I.
- ✓ In addition, the following individuals have successfully completed the prerequisite course work needed to test for IFSAC certification:

Jeremy Church Fire Officer 1	Andrew Cooper Fire Officer 1	Bryant Kroh Fire Officer 1	Travis McFarland Fire Officer 1	Erik Sundin Fire Officer 1
Travis Warren Fire Officer 1	Andrew Cooper Fire Instructor 2	Kevin Denton Fire Instructor 2	Jake Patterson Fire Instructor 2	Mike Sanders Fire Instructor 2

- ✓ Chief McKeen, Assistant Chief Dubuc and Captains Bagues, Mason and Reid attended the Clallam County Fire Chief's Academy.

2011 Division Reports

Training – *Associations / Councils*

- **Clallam County Fire Chief's Association**
- **Washington State Association of Fire Chiefs**
- **National Fire Protection Association**
- **Washington State Fire Marshal's Association**
- **Region 1 Life Safety Council**
- **Region 1 Fire Investigation Council**
- **Region 1 Training Council**
- **Northwest Region Emergency Medical Services Council**
- **Clallam County Emergency Medical Services Council**
- **Puget Sound Marine Firefighting Commission**

2011 Division Reports

Citizen First Aid / CPR

To ensure the best outcomes from Sudden Cardiac Arrest (SCA), the Port Angeles Fire Department recognizes the importance of the Chain of Survival developed by the American Heart Association. This sequence addresses the fact that most SCA episodes occur outside of a hospital, with death occurring within minutes of onset. For the Chain to be effective, quick execution of each and every link is critical. With each minute that passes, the likelihood of survival decreases 7-10%.

Since the overwhelming majority of SCA events occur at home or at work, trained EMS personnel are unlikely to be at the scene at onset. Therefore, having **citizens nearby trained in first aid and/or CPR** is essential when SCA strikes.

First Aid/CPR Training Activity

# of Citizens Trained in First Aid	519
# of Citizens Trained in CPR	587

Sudden cardiac arrest is the leading cause of death in adults, accounting for over 325,000 deaths in the United States each year.

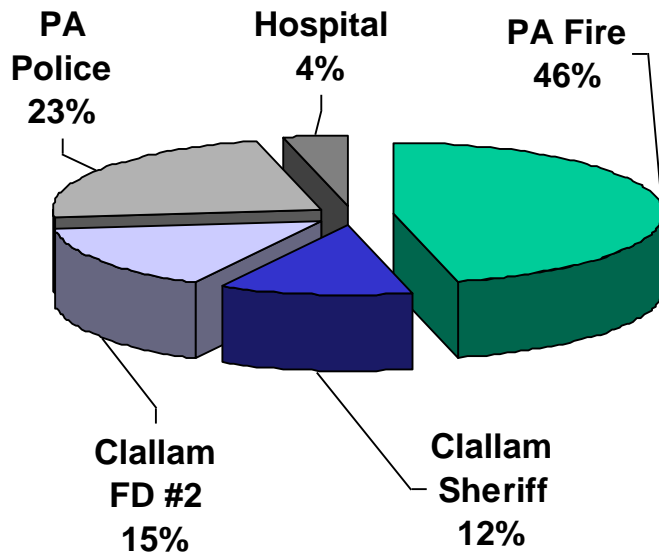
With early access to 9-1-1, **citizens providing early CPR** and a rapid response by paramedics; the citizens and visitors of Port Angeles can experience positive outcomes that are amongst some of the best in the nation.



2011 Division Reports

Support Officer Program

Support Officer Activations by Agency



Support Officers are individuals who donate their time to assist our community while belonging to our volunteer firefighter organization. Each Support Officer has a background in counseling and crisis intervention, which is used to assist family members during a tragic event.

Prior to the adoption of the Support Officer program, family members were often neglected during a serious medical response as paramedics needed to concentrate their efforts on the patient, unable to spend time with family members. Now, when requested, a Support Officer can be paged directly to a medical incident to provide information and assistance to family members. The Support Officer program has been well received by the community – used by various agencies as illustrated on the graph to the left.

2011 Division Reports

Emergency Management

- ✓ The City is in the final stage of preparation for the receipt of NOAA National Weather Service designation as a “Tsunami Ready” city. To be recognized as “Tsunami Ready,” a community must:



- Establish a 24-hour center for receiving National Weather Service warnings and activate local warning systems
- Have more than one way to alert the public about tsunami and severe weather warnings
- Promote public readiness through community education and the distribution of information
- Develop a formal tsunami plan, which includes holding emergency exercises

The City involvement in this process began well before a devastating earthquake struck Japan in March. The Japanese earthquake served as a grim reminder of the importance of this level of preparedness.

- ✓ Wiring infrastructure has been added at the Fire Department which will expand communication access for the City Emergency Operations Center (EOC). This infrastructure will allow for VOIP capability and will add connectivity with the Clallam County EOC.

2011 Division Reports

Technical Rescue



We continue to participate in and support the Clallam County Technical Rescue Team – a team of firefighters who train regularly to deal with a variety of technical rescue situations. Technical rescue is defined as situations involving confined spaces, trenches, swiftwater, high angles or building collapses.

Technical rescues are very labor intensive, and they require personnel who receive specialized training. Although they may happen infrequently, technical rescues can involve a high level of risk.

One of the significant training accomplishments for 2011 was participation in a multi-agency technical rope rescue drill held at the Indian Island Naval Base. This drill incorporated over 12 different agencies from throughout the Olympic Peninsula for an intensive one day event. In addition, the team participated in confined space training with the City of Port Angeles' Public Works Department.



2011 Division Reports

SCBA Maintenance

- ✓ For years, Lieutenant Kelly Ziegler has provided the majority of the Fire Department's self-contained breathing apparatus (SCBA) maintenance and repair. In 2011, Firefighter Bryant Kroh attended a two day manufacturer's training class that provided the certification to assist with the repair and maintenance of our mission critical SCBA equipment.
- ✓ 9 in-house repairs were performed on SCBA air packs.
 - 6 mask repairs
 - 2 pack maintenance / repairs
 - 1 bottle repairs
- ✓ 3 service / repairs to SCBA compressor and fill station.
- ✓ 1 service to mobile SCBA compressor and fill station.



2011 Division Reports

Vehicle Maintenance

	Year/Make	Equipment Service Visits	Maint/Repair Expense	Current Mileage	Miles Logged
Staff Vehicles					
Fire Chief's Vehicle	2006 Taurus	2	\$438	36,509	5,348
Fire Marshal's Vehicle	2004 Envoy	9	\$3,003	61,049	7,249
Training Officer's Vehicle	2004 GMC	3	\$1,140	47,560	5,369
Emergency Vehicles					
Utility 11	2007 GMC 4x4	8	\$1,769	18,416	3,877
Engine 11	2010 Contender	9	\$2,962	8,464	8,464
Engine 12	1999 Quantum	18	\$17,672	N/A	N/A
Ladder 11	2006 Pierce Aerial	15	\$8,420	6,038	340
Medic 11	2006 Braun Ford	24	\$12,573	52,314	10,489
Medic 12	2000 Braun Ford	7	\$2,574	68,274	2,354
Medic 13	1996 Freightliner	1	\$877	52,810	342
Air 11	2009 Ford F550	5	\$1,710	4,457	524
American LaFrance	1926 Display Engine	0	\$300	N/A	N/A
TOTAL		101	\$53,438	355,891	44,356

Maintenance & repair costs do not include fuel.

2011 Water Supply Improvements

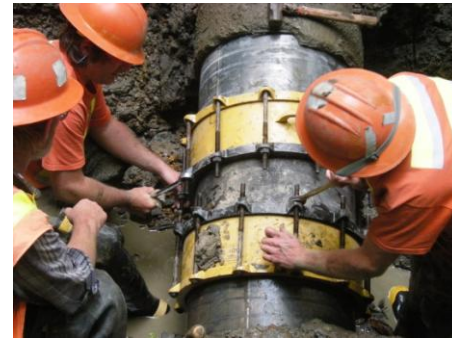
Provided by Public Works

Water Mains

- ✓ The City opened up cross tie valves on the 24" main that runs from Butler to D streets on 18th / 16th.

Fire Hydrants

- ✓ 3 fire hydrants repaired as a result of leak detection testing.



Staff performing work on one of the City's water mains.

Comprehensive Water System Plan

- ✓ An updated copy of the City's Comprehensive Water System Plan was recently completed and approved by the Department of Health. As a result of the plan, the design was completed for the replacement of approximately 5,400 linear feet of the City's large diameter transmission main located on the Westside.

Consolidation

After several years of work, it appears that the consolidation effort has been put on hold. In the late Fall, the Consolidation ad hoc Committee decided to place the process on hold in order to gather additional financial information. The Committee has requested detailed financial data so that well-informed decisions can be made. It is anticipated that the Committee will reconvene in early 2012 to review the information and chart a course for the future of the consolidation effort.

While we view this delay as unfortunate, we definitely believe that the effort to date has been extraordinarily productive. The consolidation process has been the catalyst for a number of extremely beneficial cooperative agreements and operational adjustments that have enabled the Port Angeles Fire Department and Clallam County Fire District #2 to operate together in a much more efficient and effective manner.

We still believe that consolidation is the future of the fire service, not only in our immediate area, but throughout the nation. We are convinced that consolidation efforts will result in increased efficiencies and we will continue to operate in a way that keeps the door open to an eventual full resumption of the process.



RFA Planning Committee Members: Dan Di Guilio, Pat Downie, Tom Martin, Brooke Nelson, Dick Ruud and David Whitney

Community Involvement

- The Fire Department Auxiliary held their annual pancake breakfast at the fire station, raising over \$3,200. The proceeds fund scholarships, fire relief baskets, and other activities that benefit the community.
- In March, six firefighters competed in the Seattle Columbia Towers Stair Climb, ascending 86 flights of stairs with over 50 pounds of firefighting equipment – each raising money to fight leukemia.
- In partnership with Ruddell Auto Mall, the volunteer firefighters participated in a “dunk tank,” collecting over \$450 for the CCFD #2/PAFD Explorer program.
- For the 27th year in a row, Operation Candy Cane was a success. Firefighters volunteered their time to decorate a vintage fire truck and travel through the community collecting food and donations for the Port Angeles Food Bank. This year, firefighters collected over 13,769 pounds of food and \$1,900 in donations.
- In September, the Firefighters Local hosted a pancake breakfast at Park View Villas, raising money for the Northwest Burns Foundation Fund.
- For a full week in October, every member of the Department proudly wore bright pink uniform shirts in support of Breast Cancer Awareness. As part of this year’s effort, the Firefighters Local sold pink t-shirts and raised over \$1,800 that went to breast cancer research.



Captain Terry Reid volunteering during the Pancake Breakfast held at Park View Villas

Back In Time

25 Years Ago

In an Annual Report submitted by Fire Chief Larry Glenn, the following was declared:

- The total number of alarms for the year 1986 was 1,643. Of the 1,643 alarms, 1,113 were for emergency medical aid requests (the leading cause of alarms) and 210 were for fires.
- The City experienced 16 fires that resulted in a loss of \$2,000 or more, with losses totaling over \$265,000.
- The Department completed 838 life safety fire & life inspections, with 361 code violations noted.
- Second year of Operation Candy Cane



Early Operation Candy Cane

1986 was the Department's third year of operating Medic 1 – the City's paramedic program. Since its inception, Medic 1 has significantly increased in terms of workload and in sophistication and capabilities. The following provides a comparison of that first year against 2011.

Comparison Item	1986	2011
Number of EMS Calls	1,113	3,030 272% increase over 1986
Number of Drugs Used by Paramedics	25 12 cardiac specific 13 general	39 15 cardiac specific 24 general
Cardiac Defibrillator/Monitor Technology	Single lead capability Monophasic wave form	12-lead capability Biphasic wave form External cardiac pacing capability Synchronized cardioversion capable Oxygen saturation capability Auto external defibrillation capable

Personnel Roster – 12/31/2011

Career Firefighters

FF – Firefighter EMT – Emergency Medical Technician PM – Paramedic

Name	Years of Service	Position	Name	Years of Service	Position
Keith Bogues	20	Training Officer	Jamie Mason	22	Captain
Dave Chastain	20	FF / PM	Dan McKeen	26	Fire Chief
Jeremy Church	5	FF / PM	Daniel Montana	7	FF / PM
Andrew Cooper	5	FF / PM	Duke Moroz	22	Captain
Kevin Denton	12	Lieutenant	Jake Patterson	11	Lieutenant
Ken Dubuc	11	Fire Marshal	Terry Reid	26	Captain
Todd German	19	FF / EMT	Mike Sanders	17	Lieutenant
Rob Gunn	15	FF / PM	Pete Sekac	31	FF / EMT
John Hall	13	FF / PM	Eric Sundin	8	FF / PM
Mark Karjalainen	8	FF / PM	Mel Twitchell	27	FF / PM
Bryant Kroh	6	FF / EMT	Kelly Ziegler	16	Lieutenant

Personnel Roster – 12/31/2011

Volunteer Firefighters – PA East

FF – Firefighter PM – Paramedic EMT – Emergency Medical Technician

Name	Years of Service	Position	Name	Years of Service	Position
Mike Adamich	13	FF / EMT	Travis McFarland	3	FF / EMT
Dave Bibler	5	FF / EMT	Tony Money	2	Recruit
KC Collins	5	EMT	Tom Montagne	5	FF
Brian Doolittle	1	Recruit	Cory Nelson	<1	Recruit
Douglas Eaton	<1	Recruit	Neal Secondez	1	Recruit
Nick Gear	5	FF / EMT	David Silliman	1	FF/EMT
Zack Gear	1	FF / EMT	Michael Stroobant	1	Recruit
Lee Hopper	5	EMT	Kevin Thompson	2	FF/EMT
Dan Huff	5	Captain	Dan Wagner	5	FF / PM
Rick Leffler	3	FF / EMT	Trevor Warren	8	Lieutenant
Joe McFarland	5	Lieutenant			

Personnel Roster – 12/31/2011

Volunteer Firefighters – PA West

FF – Firefighter PM – Paramedic EMT – Emergency Medical Technician

Name	Years of Service	Position	Name	Years of Service	Position
Derek Adamire	1	Recruit	Trisha McMahon	2	EMT
John Barrett	5	FF / EMT	Earl Noonan	5	FF / EMT
Jack Baskin	5	FF/EMT	Al Oman	5	FF/EMT
Susan Decker	5	FF / EMT	Howard Parker	3	FF / EMT
Mike DeRousie	10	Captain	Sarah Peden	3	FF/EMT
Jan Didrickson	1	Recruit	Patty Riefenstahl	5	Lieutenant
Ben Freeman	<1	Recruit	Dave Shideler	24	EMT
Joshua Hall	1	Recruit	Shane Simpson	5	Lieutenant
Mike Hansen	22	EMT	Freda Tallmadge	5	FF
Amy Hopper	3	FF/PM	Troy Tisdale	5	Lieutenant
Allen Hunt	2	FF/PM	Kevin Watson	<1	Recruit
Scott Jones	19	FF/EMT	Simon Wilson	2	FF / EMT

Personnel Roster – 12/31/2011

Volunteer Firefighters – Special Service

SO – Support Officer CV – Citizen Volunteer

Name	Years of Service	Position	Name	Years of Service	Position
Jerry Dean	9	SO	Vince Murray	20	SO
Glen Douglas	5	SO	Chuck Stroehrer	<1	CV
Tim Hughes	3	SO	Gail Wheatley	2	SO
Mike McCarty	<1	CV	Barbara Wilson	9	SO



**Port Angeles Fire Department
102 East 5th Street
Port Angeles, WA 98362**

Phone: 360.417.4655

Web Site: www.cityofpa.us