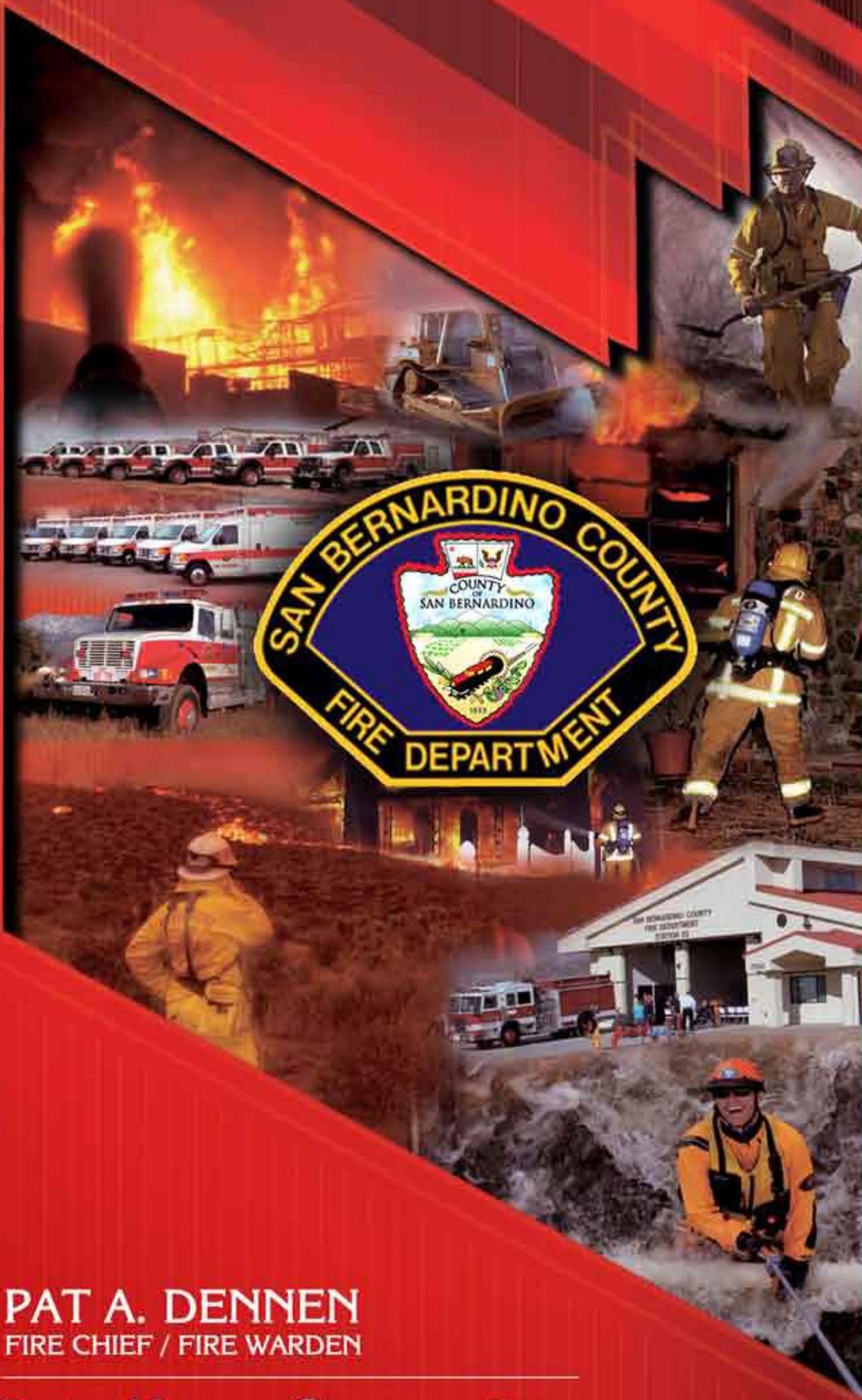


# ANNUAL REPORT 2006



**PAT A. DENNEN**  
FIRE CHIEF / FIRE WARDEN

Duty, Honor, Community...

# *Mission Statement*

Community Based All-Risk Emergency Services Organization

Dedicated to the Health and Well-Being of the Citizens of San Bernardino County

Through a Balance of Regionalized Services Delivery and Accountability to the Local Community

Supported by Centralized Management and Services

## *Vision Statement*

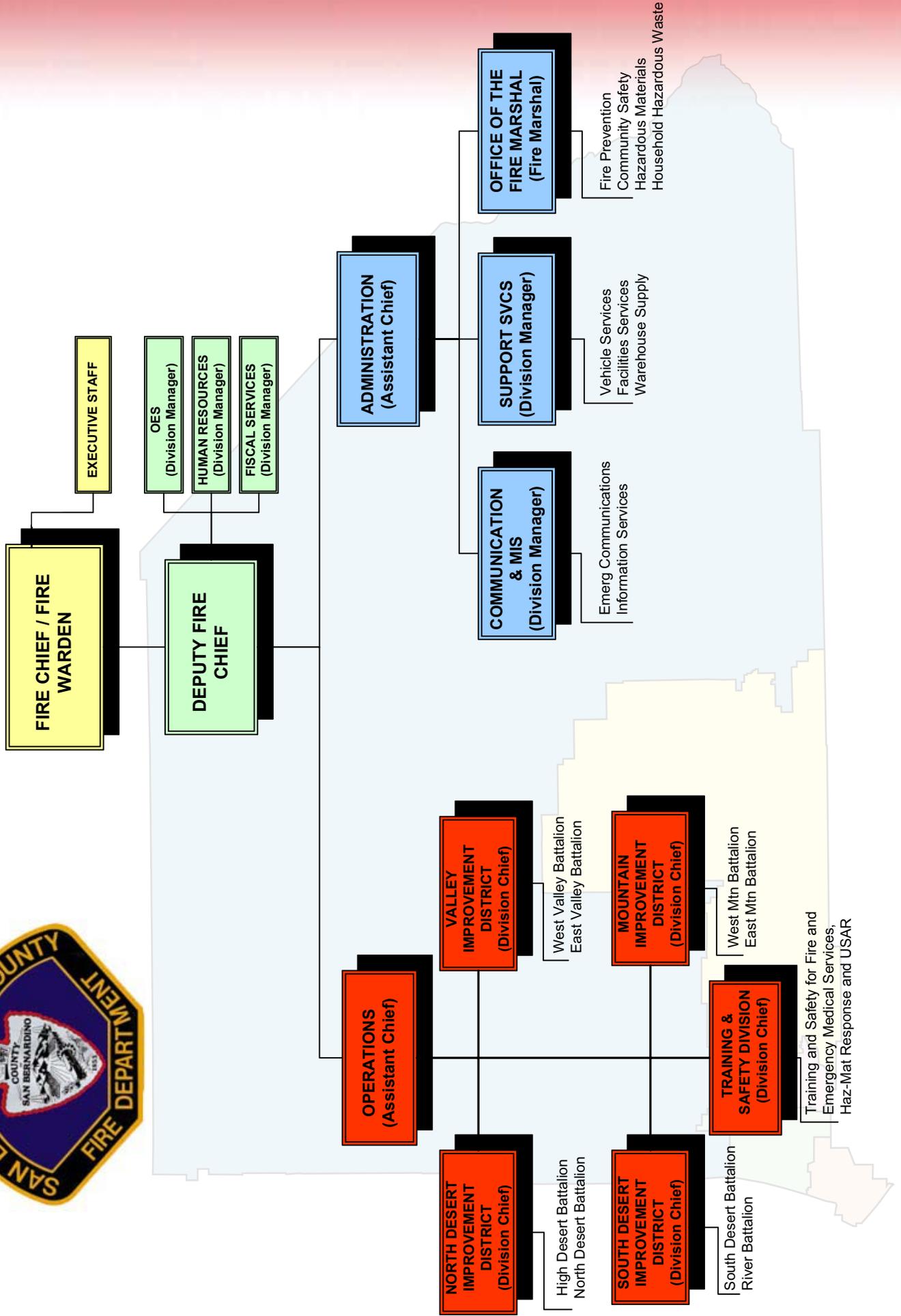
Committed to providing premier fire services in Southern California

## *Standard of Commitment*

“Where Courage, Integrity & Service Meet”

## *Service Motto*

Duty, Honor, Community...





**PAT A. DENNEN**  
*Fire Chief/Fire Warden*

## CHIEF'S MESSAGE

It is with great pride that I present the 2006 Annual Report for the San Bernardino County Fire Department. The men and women of the San Bernardino County Fire Department have compiled a record of solid achievement and service in their dedication to the citizens

and visitors of San Bernardino County. Their devotion to duty and professionalism have eased the transition of my first year as the County's Fire Chief and I am very proud of their accomplishments.

2006 was a year of unprecedented growth. To address the rapid growth of the county, the County Fire Department increased staffing at many of our fire stations and transitioned career Captains into several Paid-Call fire stations to assist these very dedicated and active community members. County Fire opened a new fire station in Baker to improve service to the heavily traveled Interstate 15 corridor and broke ground on new fire stations in Phelan, Needles, and Fontana, with two more Fontana stations on the drawing board, along with a Division Headquarters station in Hesperia. County Fire was successful in starting new paramedic programs in Helendale, Mentone, Devore, Joshua Tree and Oak Hills and has increased paramedic services in Lake Arrowhead, Fontana and Phelan.

2006 was also a year of unprecedented challenges. 2006 was one of the worst fire seasons on record for the western United States, and San Bernardino County did not escape this onslaught, which began for us in January with the Plunge Fire in the San Bernardino Mountains. The Arrastre Fire, the Sawtooth-Heart Zone-Millard Fire Complex, the Ramp Fire, the Emerald Fire, the Pinnacles Fire, the Sierra Fire and finally the Citrus Fire followed soon after. As proud as I am of the performance and dedication all our personnel demonstrated on these devastating incidents, I am even more proud of how County Fire personnel responded to the thousands of smaller fires and prevented them from becoming the devastating fires like the ones just mentioned. Yet, even these fires only represent the very tip of the iceberg. County Fire resources and expertise were requested and our personnel responded all summer long to in-

cidents throughout California, Oregon, Nevada and even British Columbia. Wildfires were not the only challenges we faced. Our River Battalion repeatedly dealt with many weather related incidents of flooding and damaging winds.

The County Fire Department marked several milestones in 2006. In a cooperative effort with the County Sheriff's Department, the Department launched the first County Fire Helicopter Program to ensure aerial suppression capabilities were always available to address the needs of our communities. County Fire's Training Division developed the first Captain and Engineer Academies to provide our personnel with even stronger skills and reinforce the County Fire pledge of Duty, Honor and Community.

The successes of County Fire this past year are certainly not limited to just our Operations Division. County Fire - Office of Emergency Services coordinated the statewide Golden Guardian Exercise as an assessment of the State's ability to respond, mitigate and recover from a weapons of mass destruction incident. Our Household Hazardous Waste Program continued to receive national accolades, as well as numerous individual awards presented to Community Safety personnel. For many years County Fire - Support Services Division has been the flagship of our Department as they have steadily expanded services and accepted even greater challenges. 2006 was no exception. County Fire - Vehicle Services continues to set the standard that other fleet management services can only emulate. This past year saw an increase of our fleet with 69 new vehicles of various types, including two state-of-the-art Mobile Command Vehicles.

As extensive as the accomplishments of 2006 were, none of it would have been possible had it not been for the strong participation and support of the various labor organizations; San Bernardino County Firefighters - Local 935, San Bernardino Public Employees Association and the Safety Employee Benefit Association.

Please take a moment to review this past year and know that we stand committed in your service.

Sincerely,

*Pat A. Dennen*  
Fire Chief/Fire Warden

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County of San Bernardino

BOARD OF SUPERVISORS



1st DISTRICT



BRAD MITZELFELT

2nd DISTRICT



PAUL BIANE  
Chairman

3rd DISTRICT



DENNIS HANSBERGER

4th DISTRICT

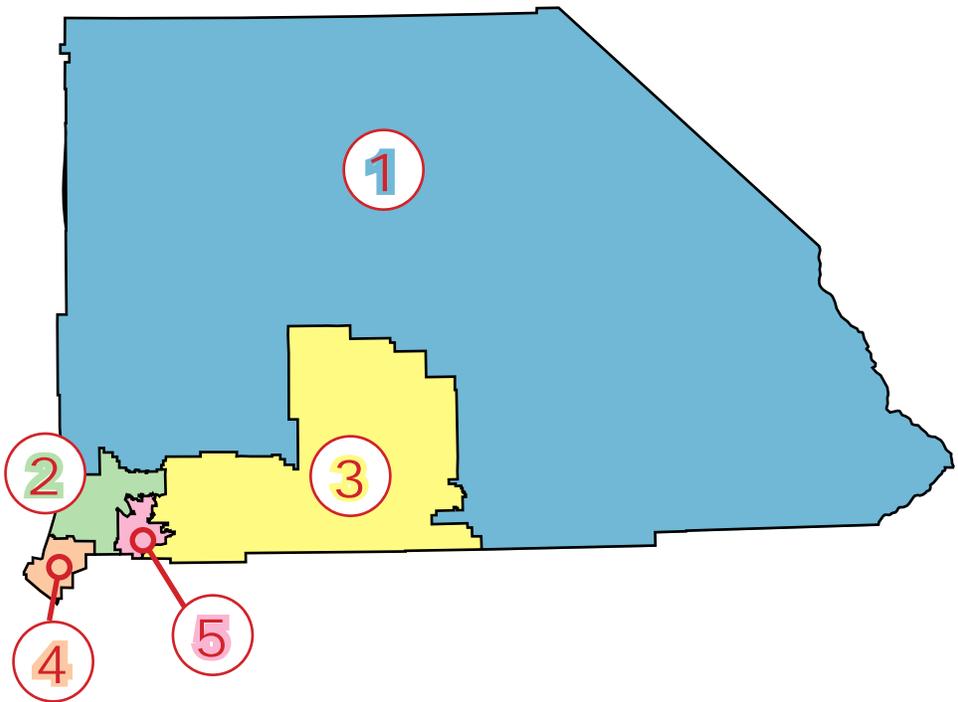


GARY OVITT  
Vice-Chairman

5th DISTRICT



JOSIE GONZALES



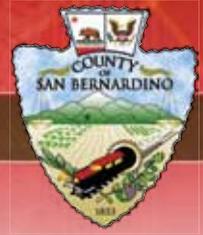
Statement from the County Administrative Officer



Mark Uffer

The mission of San Bernardino County government is to provide services to county residents that promote health, safety, well-being and quality of life. The men and women of the San Bernardino County Fire Department have made a profession out of promoting health and safety by saving lives and property. In addition, they promote health, well-being and quality of life by enforcing fire and environmental laws, with an emphasis on education.

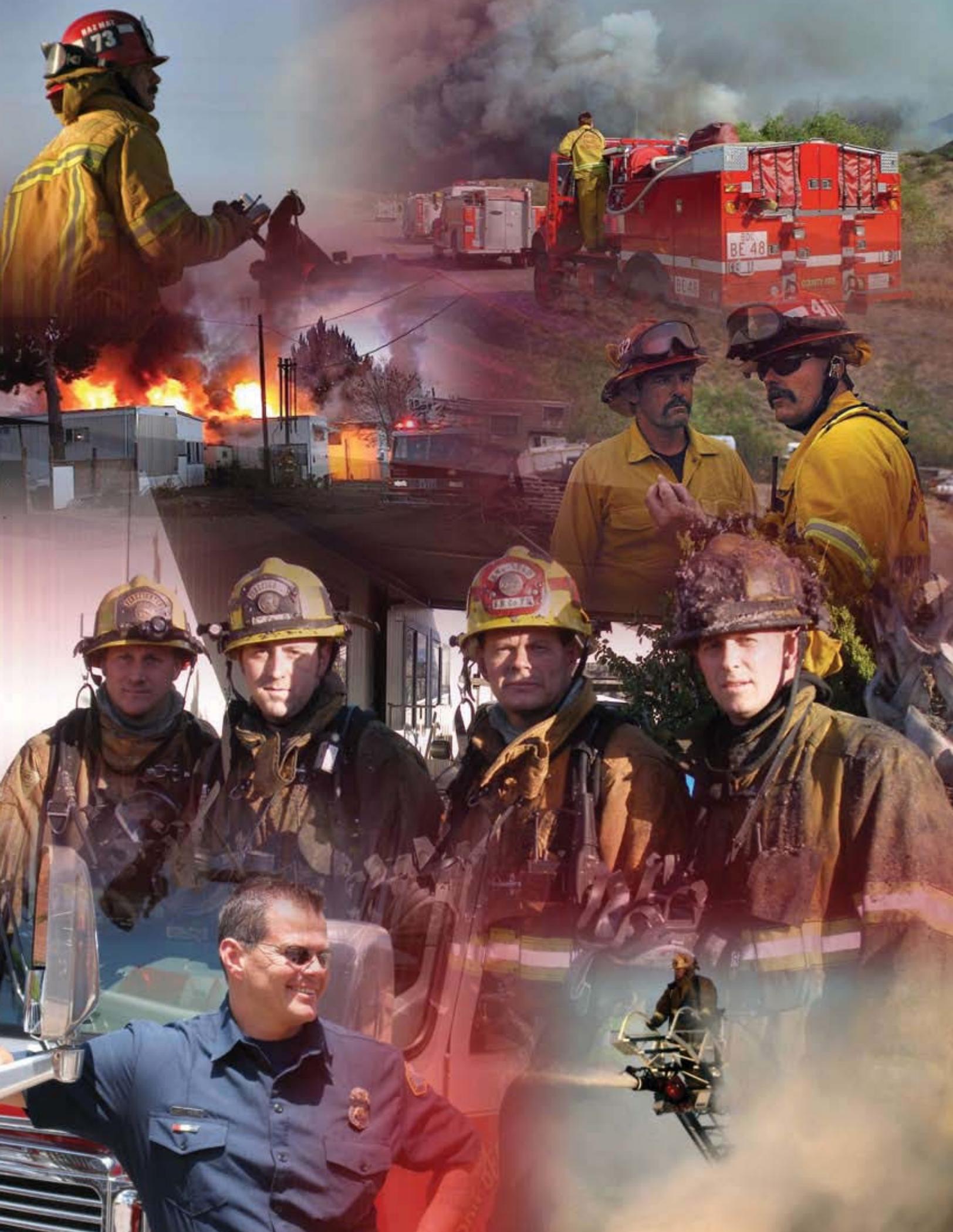
# COMMUNITIES SERVED



Proudly serving the following cities, towns and communities:

- |                       |                       |
|-----------------------|-----------------------|
| City of Adelanto      | Landers               |
| Angelus Oaks          | Lucerne Valley        |
| Baker                 | Lytle Creek           |
| Baldy Mesa            | Mentone               |
| Barton Flats          | Mountain Home Village |
| Big River             | Mt. Baldy             |
| Bloomington           | Mt. View Acres        |
| Cedar Glen            | Muscoy                |
| Crest Park            | City of Needles       |
| Deer Lodge Park       | Oak Hills             |
| Devore                | Oro Grande            |
| Earp                  | Phelan                |
| El Mirage             | Pinon Hills           |
| Fawnskin              | Pioneer Town          |
| Flamingo Heights      | Red Mountain          |
| City of Fontana       | San Antonio Heights   |
| Forest Falls          | Searles Valley        |
| City of Grand Terrace | Silver Lakes          |
| Green Valley Lake     | Sky Forest            |
| Harvard               | Spring Valley Lake    |
| Havasu Landing        | Summit Valley         |
| Helendale             | Trona                 |
| City of Hesperia      | Windy Acres           |
| Hinkley               | Wonder Valley         |
| Johnson Valley        | Wrightwood            |
| Joshua Tree           | Town of Yucca Valley  |
| Lake Arrowhead        |                       |







## IAFF LOCAL 935

### **BRET L. HENRY**

*Union President*

San Bernardino County Professional Firefighters Local 935, is a member of the International Firefighters Association (IAFF) and California Professional Firefighters (CPF). Local 935 represents, and is the collective bargaining unit for the Professional Firefighters of the San Bernardino County Fire Department and the Professional Firefighters of the City of Colton and City of Big Bear Lake.

San Bernardino County Professional Firefighters are "all-risk", and are responsible for fire protection and emergency medical services in the unincorporated areas and communities of the largest county in the continental United States. The department also contracts for fire service with many incorporated cities within the county. I am truly honored to have the trust of, and represent, so many professional men and women.

2006 again reminded us of our mortality, as well as the extreme heartache left in the wake of tragedy. Additionally, 2006 brought the five-year anniversary of the September 11, 2001 terrorist attack. We hear reminders daily that freedom isn't free. Our thoughts and prayers are with all the victims, their families and those who continue to be in harm's way protecting our way of life.

Oliver Wendell Holmes said, "I find the great thing in this world is not so much where we stand as in what direction we are moving." The County is very dynamic, and it is truly exciting to be here and be a part of where we are going.

Duty, Honor, Community.

Sincerely,

*Bret L. Henry*

President  
San Bernardino County  
Professional Firefighters



# MOVING FORWARD



## Chief Hills Retires

County Fire Chief/Fire Warden Peter R. Hills retired at the end of March 2006. Hills was appointed County Fire Chief in March 1998.

## Chief Dennen Sworn In

Pat Dennen was sworn in as County Fire's Chief on April 1, 2006. Chief Dennen has more than 30 years of experience in fire service. He began his service with County Fire in 1998, starting out as Mountain Division Chief. Dennen also served as North Desert Division Chief, as interim chief of the Hesperia Fire Department, and County Fire's Assistant Fire Chief of Fire Suppression Operations and the Training & Safety Division.

## Deputy Chief, Two Assistant Chiefs Appointed

In July, Fire Chief Pat Dennen announced the appointment of Assistant Fire Chief Dan Wurl to the new Deputy Fire Chief position, and the selection and appointment of Fire Marshal Peter Brierty and Tim Sappok to Assistant Fire Chief positions.

## Supervisors Increase Firefighting Budgets for 2006

On December 14, 2005, the San Bernardino County Board of Supervisors approved:

- \$2.7 million in ongoing funding to increase staffing at county fire stations in under-funded areas of the county, including the following:
  - The conversion of nine limited-term firefighter/paramedics to full-time, regular employees and one additional full-time firefighter/paramedic at the Oak Hills, Phelan/Pinon Hills, and Fawnskin stations.
  - Fourteen Captain positions at Helendale, Oak Hills, Baker, Harvard, and Needles.
  - Six full-time engineer/paramedics at the Devore and Mentone stations.
- An additional \$2.7 million was allocated to acquire land and design two new fire stations in the communities of Phelan and Spring Valley Lake, and to enhance the Needles fire station. The funds also went towards much-needed equipment in the North Desert and South Desert Divisions, to include a Heavy Rescue Truck and Swift Water Rescue Vehicle.

## Firefighter Staffing Increased to Meet Fire Danger

On July 10, 2006, recognizing the increased fire threat

during fire season, the County Board of Supervisors for the second time allocated \$500,000 to provide additional firefighter staffing for six months at mountain and foothill fire stations. Affected communities include Angelus Oaks, Grand Terrace, Fawnskin, Forest Falls, Joshua Tree, Lytle Creek, Lucerne Valley, Phelan, San Antonio Heights and Wrightwood.

## County Fire Manpower Funding Receives a \$1.3-Million Boost

The San Bernardino County Board of Supervisors on August 22, 2006 set aside an additional \$1.3 million from the General Fund for County Fire Department staffing. The department used the funding to convert paid-call (part-time) and limited-term firefighter positions to full-time firefighter and engineer positions in Devore, Lucerne Valley, Spring Valley Lake, and Joshua Tree.

## Muscoy Station Dedicated

On March 30, 2006, the new Muscoy Fire Station, located at 2852 Macy Street, was dedicated. Former Muscoy resident Neal Baker and family donated the land for the new station. The 6,500-square-foot facility houses three fire engines, one of which is outfitted with Advanced Life Support equipment for paramedic emergency calls.

## Baker Fire Station Dedication

On October 6, 2006 the new Baker Fire Station was dedicated to service. This \$3.2 million facility encompasses 9,179 square feet. The Baker Station services approximately 4,000 square miles, including 70 miles along I-15 from Basin Road to State Line, and 30 miles along I-40 from Kelbaker Road to Ludlow. The station's professional staffing was increased by three full-time professional fire captains.

## Groundbreaking - Phelan Station

Ground was broken on October 31, 2006, for a new fire station in Phelan to serve the growing need of the Tri-Communities (Phelan, Pinon Hills & Wrightwood) of the High Desert. The 6,700 square-foot facility should be completed in 2007.

## Groundbreaking - River Road Station in Needles

Groundbreaking took place November 2, 2006 for a new fire station on River Road just north of Interstate 40 in Needles. The fire station, expected to be completed in 2007, is part of an effort to keep up with the city's growing needs for fire services.



### Engineer and Captain Academies

To meet County Fire’s growing need for higher-ranking fire officers, County Fire’s Training & Safety Division held its first ever Captain and Engineer Academies. These academies were designed to prepare individuals for promotion by providing rigorous training and enhancing personal skills. The department provided over 8,600 hours of training to 84 of our personnel.

### Command Trailers

County Fire received two command trailers in early 2006, one purchased with County Fire general funds and the other with funds approved by the Board of Supervisors. The trailers provide a common location for meeting areas and offices for management of major emergencies, as well as advanced communications technology. At year-end, a third unit had been received and was being prepared for service to begin in 2007.

### Sheriff Helicopters Available for Firefighting

On August 10, 2006, the San Bernardino County Sheriff’s Department announced that it had equipped all of its law enforcement helicopters for first-response firefighting efforts. Six helicopters have been adapted to carry “Bambi Buckets,” which can carry 180-gallon loads of water to a fire until additional firefighting resources arrive. One of these helicopters is dedicated to fire response on afternoons during high fire-danger periods. A special thank you to Sheriff Gary Penrod.

### County Honors Victims of September 11, 2001 Terrorist Attack

On the fifth anniversary of the terrorist attacks on the United States, a ceremony was held at the San Bernardino County Government Center to honor the victims of this disaster. During the 2006 ceremony, the County Fire bell was tolled in honor of the 343 New York Firefighters and all those who lost their lives on September 11, 2001. The Board of Supervisors unveiled a plaque honoring the victims of the attack. The plaque is mounted in the reflection pool in front of the Government Center.

### County Fire Certified as a Regional Urban Search and Rescue Task Force

On October 2, 2006, County Fire was designated as one of seven fire units in the state that is certified as a Regional Urban Search and Rescue (USAR) Task Force. County Fire’s USAR group consists of 61 people specially trained

and equipped for large or complex rescue operations. In addition, County Fire has increased its USAR response fleet from three units to seven this year. Three units are Heavy Rescue companies, providing a higher level of response capability.

### Golden Guardian 2006

County Office of Emergency Services was the main coordinating agency for this first-ever full-scale exercise involving 1,500 participants, held November 14 at the Hyundai Pavilion, Glen Helen Regional Park. The drill tested emergency response procedures, equipment and communications among agencies in case of a large-scale disaster or terrorist attack.

### LARGE FIRES (500+ acres)

**July 9-19, 2006:** Sawtooth Complex, Yucca Valley, Pioneertown, Morongo Valley; 61,700 acres; one civilian fatality; 17 minor injuries; destroyed 50 homes, 8 mobile homes, 13 garages, 171 outbuildings, 191 cars & pick up trucks, 3 R.V.s, 27 trailers.

**July 9-20, 2006:** Heart-Millard Complex, San Geronio Wilderness Area of the San Bernardino National Forest; 24,695 acres.

**July 23-29, 2006:** Whispering Pines Fire, La Contenta and Covington Flats Road, Joshua Tree National Park; 993 acres.

**August 29-September 1, 2006:** Emerald Fire, north of Mentone at Morton Peak; 2,129 acres.

**September 19-25, 2006:** Pinnacles Fire, four miles northwest of Lake Arrowhead; 2,730 acres.

**November 6, 2006:** Sierra Fire, south of I-15 and Sierra Avenue, Fontana; 640 acres; industrial pallet yard and industrial building damaged.

**December 4, 2006:** Citrus Fire, south of Citrus Street and Sierra Avenue, Fontana; 575 acres; homes and buildings nearby but none damaged.





**DAN WURL**  
*Deputy Chief*

## DEPUTY CHIEF'S MESSAGE

In June 2006, the San Bernardino County Board of Supervisors approved the funding of a Deputy Chief's position for Fiscal Year 2006/2007 for the San

Bernardino County Fire Department. This newly funded position has the overall responsibility for the internal management of the Fire Department and reports directly to the Fire Chief. The Assistant Fire Chiefs, Human Resources Division Manager, Fiscal Services Division Manager, and the Office of Emergency Services Division Manager report directly to this position. This addition has allowed the Fire Chief to work with the Board of Supervisors, County Administrators Office, and many other outside agencies for the betterment of the Fire Department.

One of the primary objectives for the Fire Department has been its reorganization. This objective was started in 2005 in an effort to provide a more effective and efficient organization by reducing the transfers of funds and accounting from one legal district to another. The management for each of the 27 fire entities along with the 5 ambulance enterprise accounts is labor intensive and requires additional staff to account for all expenditures and revenues that occur. During 2006, the Local Agency Formation Commission (LAFCO) was in receipt of our application, but required additional information for the completion of the application. These requests for information dealt with budget format for comparison to current budget, fire advisory commission structure and formation, and minor clarification to the application. All requests for information work was completed during 2006 and

our application will be heard by the LAFCO commission in early 2007 with a tentative completion date set for mid-summer. One final issue to resolve is the overlay of sovereign lands. Of the 4 Indian Tribes within the County Fire's jurisdiction, 3 have already provided resolutions allowing the overlay with the anticipation of approval from the remaining tribe. The final approval from LAFCO of this reorganization will be a major accomplishment for setting a structure to provide optimum service to citizens within the jurisdiction of the San Bernardino County Fire Department.

The North Desert Division had been working closely with the community of Silver Lakes since 2005 to determine the desired level of service. After completion of this assessment, a cost analysis was provided and reviewed by the community for consideration of a special tax. Finally, in June of 2006, a mail-out ballot election was conducted with the two-thirds approval given by the community to implement a special tax to fund their local fire station. This funding will increase the current staffing to four full-time firefighters on duty 24 hours per day and provide paramedic services. This special tax assessment marks another improvement in meeting the needs of the communities we serve.

Sincerely,

*Dan Wurl*  
Deputy Chief

# FISCAL SERVICES & HUMAN RESOURCES



**MARK BERGHOLD**  
*Division Manager*

The Fiscal Services Division (Budget and Finance Office) oversees all functions related to the financial operation of the Fire Department. This includes the preparation and administration of the budgets for 27 separate districts and 5 ambulance enterprise accounts. Functions include budget, purchasing and cost accounting, accounts payable and receivable, Emergency Medical Services billing, hazardous materials permit issuance and billing, cost recovery, travel/training, credit cards, and auditing assistance for the field divisions. In addition, the Division Manager coordinates County Fire construction projects.

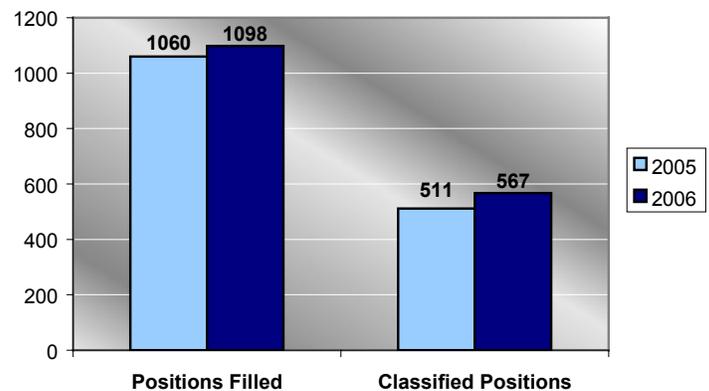
The Fiscal Division currently has 19 employees.



**DIANA LEIBRICH**  
*Division Manager*

The Human Resources Division administers all aspects of personnel for County Fire and other county Special Districts, including labor relations, payroll, recruitment and selection, classification, and Equal Employment Opportunity programs. The Human Resources Division currently has 11 employees.

The Human Resources Division has been averaging 8 suppression recruitments per year and an average of 36 non-suppression recruitments per year, including new positions and turnover replacements.

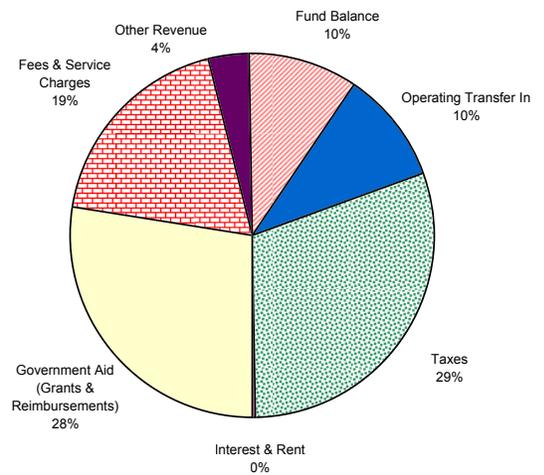


# OPERATING BUDGET

## San Bernardino County Fire Department Budgeted Revenue & Expenditures by Category Fiscal Year 2006/2007

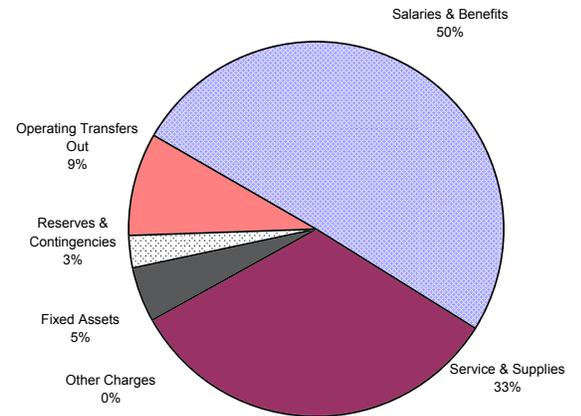
### REVENUE

Taxes .....	\$ 46,230,910
Interest & Rent .....	\$ 275,763
Grants & Reimbursements.....	\$ 42,068,452
Fees & Service Charges .....	\$ 28,302,159
Other Revenue .....	\$ 5,363,668
Fund Balance .....	\$ 14,849,393
Operating Transfers In.....	\$ 15,424,455
<b>Total .....</b>	<b>\$152,514,800</b>



### EXPENDITURES

Salaries & Benefits .....	\$ 77,123,281
Service & Supplies .....	\$ 50,380,356
Other Charges.....	\$ 42,300
Fixed Assets .....	\$ 7,088,757
Reserves & Contingencies .....	\$ 4,161,212
Operating Transfers Out .....	\$ 13,718,893
<b>Total .....</b>	<b>\$152,514,800</b>



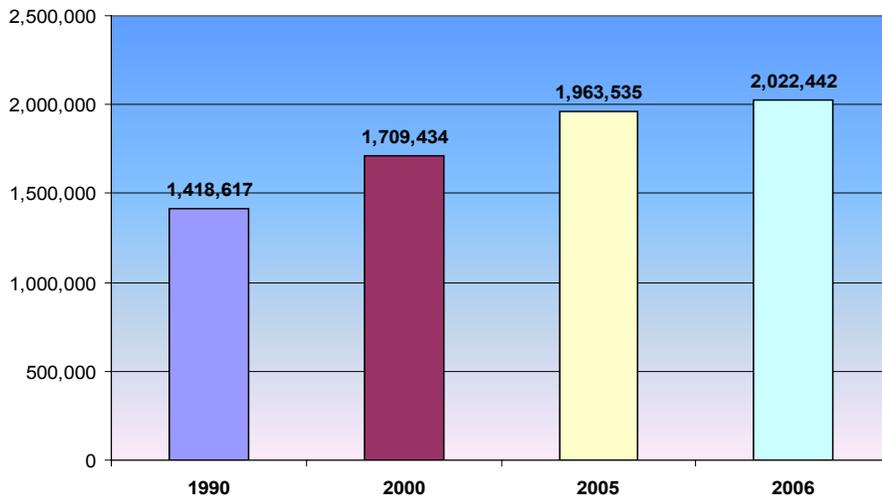
# STATISTICS

## Calls for Service by Division 2005/2006

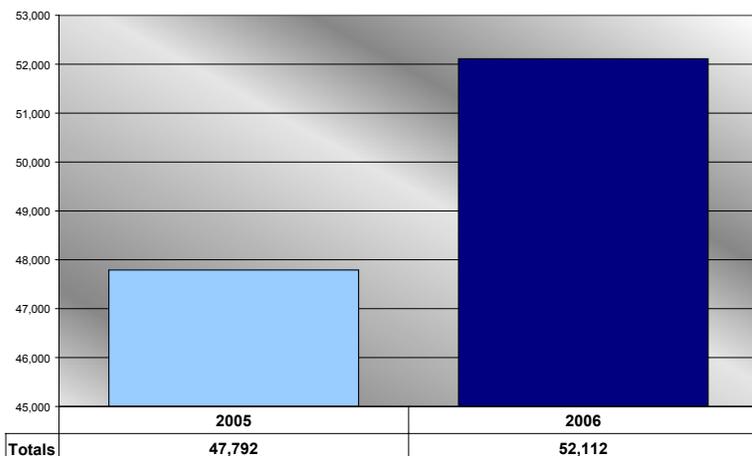
Incident Type	North Desert	North Desert	South Desert	South Desert	Valley	Valley	Mountain	Mountain	Totals 2005	Totals 2006
	2005	2006	2005	2006	2005	2006	2005	2006		
Structure Fires	183	152	87	66	200	139	34	48	504	405
Brush/Vegetation Fires	406	339	144	91	188	170	32	35	770	635
Other Fires	766	883	293	331	699	671	89	100	1847	1985
Rescues	51	53	27	13	62	65	8	10	148	141
Medical Calls	8633	11451	4678	4770	11590	10999	1716	1813	26617	29033
Traffic Collisions	2046	2513	548	648	1812	1726	215	261	4621	5148
Other Incidents	4746	5396	1996	1848	5601	5672	942	871	13285	13787
<b>2005 Totals</b>	<b>16831</b>		<b>7773</b>		<b>20152</b>		<b>3036</b>		<b>47792</b>	
<b>2006 Totals</b>		<b>20787</b>		<b>7767</b>		<b>19442</b>		<b>3138</b>		<b>**52122</b>

\*\*2006 Totals include 988 calls County Wide for referrals, strike teams and inter-agency response

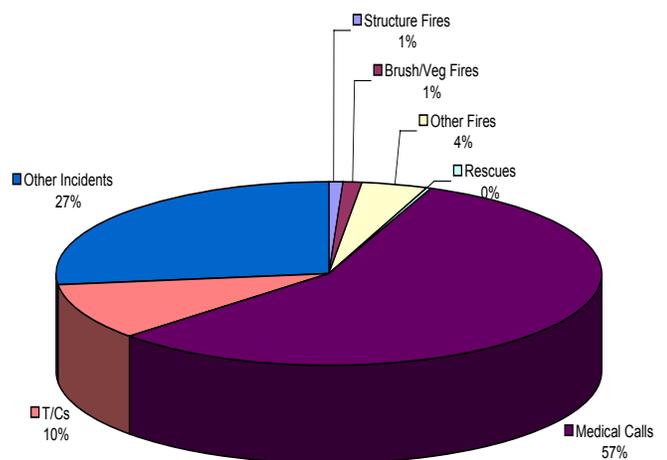
## San Bernardino County Population Growth



## Calls for Service



## Calls for Service 2006



# PERSONNEL & EQUIPMENT

## Fire Suppression Personnel

	North Desert	South Desert	Valley	Mountain	Training Division	Total
Fire Chief/Warden						1
Deputy Chief						1
Assistant Chiefs						2
Division Chiefs	1	1	1	1	1	5
Battalion Chiefs	6	6	6	3	1	22
Captains	39	15	33	15	6	108
Engineers	15	9	27	12		63
Firefighters	30	9	48	18		105
Limited-Term Firefighters	30	9	9	12		60
Paid-Call Firefighters	138	71	48	60		317
<b>Total</b>						<b>684</b>

\*Funded and filled Suppression positions for 2006

## Equipment

	North Desert	South Desert	Mountain	Valley	Total
Airport Rescue Unit				1	1
Ambulances	16	6	4		26
Boats		2	2		4
*Command Posts					2
*Dozers/Loaders					6
Fire Engines	25	19	12	24	80
Ladder Trucks	2	1		3	6
Brush Engines	12	4	7	7	30
Brush Patrols	10	5	2	4	21
Haz-Mat Vehicles	1 rig			1 rig	2
*Haz-Mat Squads					6
*Communication Support Vehicles					2
*Mechanic Trucks					10
Rescues	2	1	1	2	6
Snow Cats	1		6		7
Squads	2	2	3	5	12
*Staff Vehicles					146
*Transport Units					4
Support Trailers	8	5	9	21	43
Utility Vehicles	7	7	4	10	28
Water Tenders	7	6	5	4	23
Misc. Equipment	2		2	19	23

\*Department Wide

# SPECIALIZED EQUIPMENT

## Aircraft Rescue Unit



This new \$865,000 vehicle has special features to deal with the conditions for aircraft fire and rescue operations.

## Boats

The Mountain Division and South Desert Division each have two boats equipped for water rescues. The South Desert Division's boats are located at stations along the Colorado River at Needles and Lake Havasu, both popular locations for boating and other water recreation. The Division keeps a 21-foot jet boat based in Needles, and a pontoon ambulance boat at Lake Havasu. Both of these boats are equipped for water rescue and have water pumps to suppress fires along the riverbank that are inaccessible to firefighting vehicles. The Mountain Division has a pontoon boat based at Lake Arrowhead that is used for water rescue and has a pump and deck gun for firefighting. The Mountain Division also keeps a Zodiac inflated boat at its Fawnskin station for water rescues.

## Command Posts

These new trailers have space for meetings and offices that help in the management of major incidents. In addition, they are equipped with advanced communications equipment to assure communications with incident leaders in the field.

## Dozers/Loaders

County Fire has two bulldozers; D-6R-XL, Bulldozer with a 14' wide blade, and a ripper, and a 30 ton D-6-D Bulldozer with a 13' blade and a winch. Both dozers are fire-line equipped with enclosed cabs, off road lighting and radios. The dozer group also includes three wheel-loaders and a skid-steer track loader. A supervising captain and nine qualified firefighters operate this equipment.



## Hazardous Materials Vehicles

County Fire has a total of 8 Haz-Mat response vehicles, 6 squads, 2 rigs and a mobile analytical lab. Each vehicle contains specialized equipment such as a Mercury Vapor Analyzer, radiation detection equipment, and environmental monitoring equipment. Each vehicle is equipped to respond to a Level A Haz-Mat incident, such as major chemical spills, drug labs, train derailments and highway transportation traffic collisions. They also have the capabilities to respond to weapons of mass destruction and biological incidents.

## Rescues

Of County Fire's seven Urban Search and Rescue (USAR) vehicles, three are Heavy Rescue Companies, which provide a higher level of response capability. With 61 personnel specially trained for USAR duty, County Fire is one of seven fire departments in California certified as a Regional Urban Search and Rescue Task Force, authorized to respond in case of major rescue emergencies, including mass transit accidents, and large-scale disasters such as earthquakes or major terrorist incidents.



## Snow Cats

Snow cats operate over snow pack to deliver personnel and equipment to a fire or rescue site. County Fire has seven such vehicles, one in the North Desert Division and six in the Mountain Division.

## Sheriff Helicopters

The County Sheriff's Department has equipped all of its law enforcement helicopters for first-response firefighting efforts. Six lighter helicopters can be adapted to carry 180-gallon buckets that can drop water on a fire until additional firefighting resources arrive, and one of these is dedicated to fire response on afternoons during high fire-danger periods. Two heavier helicopters can each drop loads of up to 375 gallons onto a fire.



## Swiftwater Rescue Equipment

Nearly all of County Fire's first-response engines, ambulances, squads, and rescue units are equipped with swift-water rescue gear, which includes floating ropes, personal flotation devices, and other rescue equipment. Additionally, inflatable rescue boats, line guns, (which can propel rescue ropes over long distances), and other technical rescue gear is positioned throughout the county for rapid deployment. All firefighters receive basic swift-water rescue training, and well over 100 firefighters are trained in advanced swift-water rescue skills.



**DENISE BENSON**  
*Division Manager*

## OFFICE OF EMERGENCY SERVICES

The Office of Emergency Services (OES) Division is responsible for disaster planning and emergency management coordination in San Bernardino County utilizing the four phases of emergency management: planning, response, recovery, and mitigation. The Fire Department's OES serves as

the lead agency for the San Bernardino County Operational Area (OA), which coordinates disaster preparedness efforts with the 24 cities and towns, over 40 County departments, the private sector, and volunteer organizations. OES also facilitates multi-agency and inter-agency coordination at the local, state, and federal levels. Another primary responsibility includes readiness of the County/OA Emergency Operations Center (EOC) for response during an incident/disaster.

The Office of Emergency Services manages numerous programs. Examples include the development and implementation of County Department Emergency Operations Plans (EOP), the Emergency Communications Service (ECS) volunteer group, and the Citizen's Corps program which officially rolled out the Community Emergency Response Team (CERT) Program in 2006. The Division partners with public safety entities and local emergency managers to develop comprehensive plans for evacuations, sheltering, and emergency alert notifications in response to disasters. This planning is accomplished through Operational Area committees such as the Operational Area Coordinating Council (OACC) Steering Committee, Citizen Corps Advisory Committee, Communications Committee, Grants and Exercise Committee (GECO), Medical Health Committee, National Incident Management System (NIMS) Committee, Technical Committee, Training Committee, Transportation and Evacuation Shelter Committee, and others. This Division also participates in the Public Health Pandemic Influenza Taskforce.

The office also has responsibilities for administration of multiple grant programs. Cumulative grant dollars for Federal Homeland Security Grants Program, dating back to 1999, exceed \$22 million. The Division is also in the fifth year of managing the Hazard Fuels Reduction Program Grants which, as a tool of the Mountain Area Safety Taskforce (MAST) organization, provide for the

removal of trees killed by bark beetle infestation in the San Bernardino mountains. In addition, the Emergency Management Performance Grant (EMPG) distributed to 24 cities and towns, and the County, is entering a second decade of management.

In 2006, the County's Emergency Operations Center (EOC) was activated eight separate times, six at a Level I activation and two at a Level III activation, in support of local emergencies or exercises, including the Sawtooth Complex Fire and Golden Guardian 2006 Full-Scale Exercise.

Following the devastating Hurricanes Katrina and Rita, San Bernardino County responded with recovery activities to assist Gulf state agencies. In return San Bernardino County benefited by lessons learned in responding to similar large-scale disasters. Activities inspired by the hurricanes include development of County government department specific plans, including key roles, continuity of government and operations, staff reporting locations, employee training, and other critical issues; and the distribution of 185,000 family disaster guides (Your Family Disaster Plan: Three Steps to Creating a Family Disaster Plan) to all property owners in the unincorporated areas, County employees, the County's incorporated cities and towns, and various public and civic groups.

In the near future, OES plans to add 1,620 square feet to the County/OA EOC to serve the County's growing emergency response and preparedness needs.

The Office of Emergency Services strives every day to maintain and reinforce a clear understanding of effective multi-agency Emergency Management planning and response with all local agencies comprising the San Bernardino County Operational Area.



# COMMUNITY EMERGENCY RESPONSE TEAM

The Community Emergency Response Team (CERT) Program is a component of Citizen Corps, a network of volunteer organizations that exercise the skills and abilities of local community members by offering public education, training, and volunteer opportunities to engage every American in community and family safety programs as a way to prepare communities in advance for emergencies, natural disaster and acts of terrorism. The CERT program had its official roll-out in San Bernardino County during 2006.

Currently, the following Cities/Towns and unincorporated areas have Citizen Corps/CERT Programs in place: Apple Valley, Colton, Fontana, Redlands, Rialto, Victorville, Twentynine Palms and Yucca Valley along with the communities of Lytle Creek, Wrightwood, Devore, Lucerne Valley, Big Bear City, Fawnskin, Forest Falls, Angelus Oaks and Morongo Valley. Additional Citizen Corps/CERT Programs are in various stages of development across the County. Currently over 5,500 San Bernardino County residents have received CERT Training.

Seven enclosed cargo trailers have been purchased to support and house the equipment and materials used to conduct CERT training classes throughout the County. Additionally, these trailers are a resource that can be requested and sent to emergency incidents. These fully equipped CERT trailers will be located in the County's Emergency Management Zones in the High Desert, South Desert, Mountain and Valley areas.

San Bernardino County is committed to assisting the Operational Area (OA) in developing CERT Programs through education, training, and volunteer service to make our communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.



# GOLDEN GUARDIAN 2006

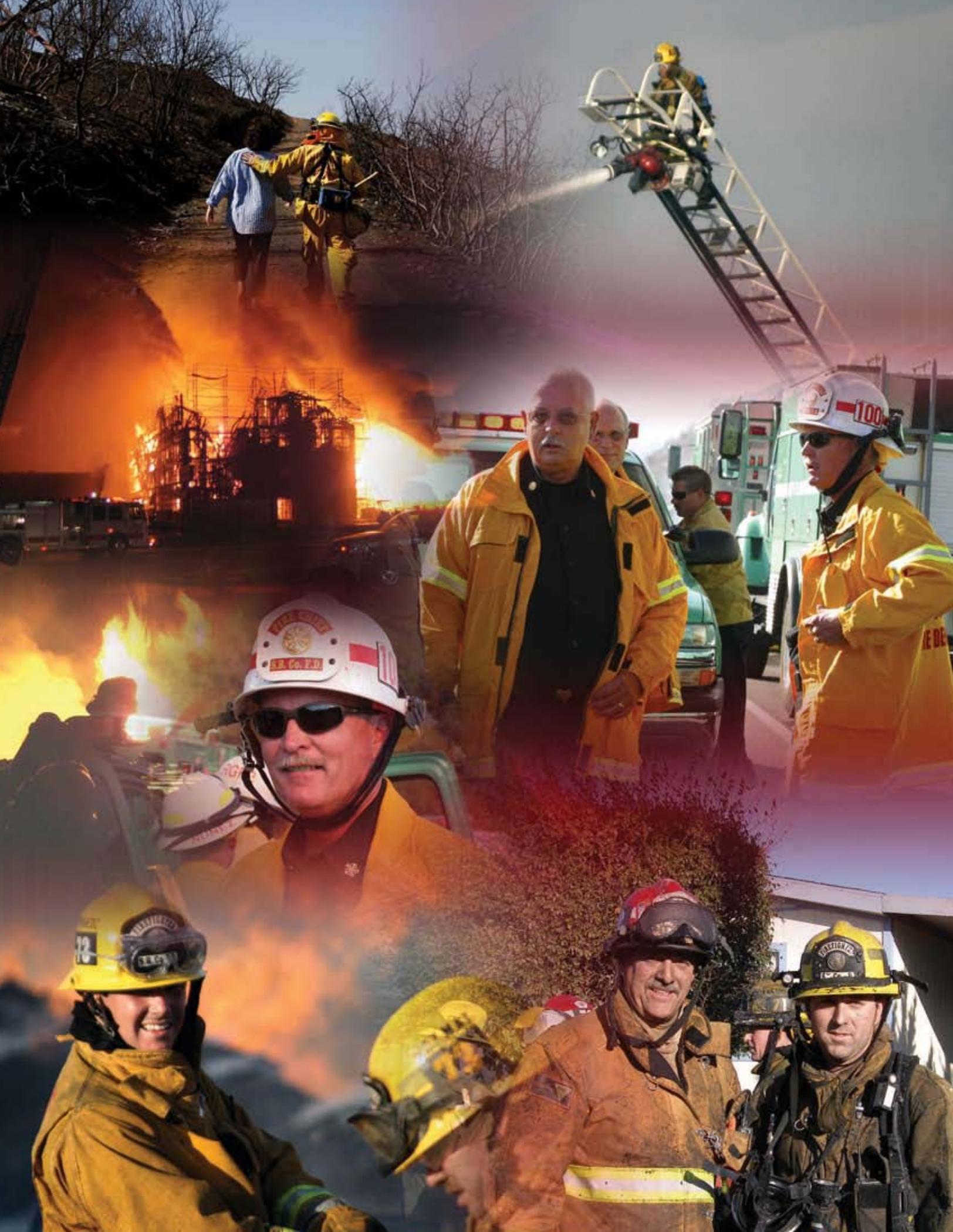


The Office of Emergency Services (OES), in conjunction with the California Office of Homeland Security Exercise and Evaluation Program (HSEEP), and the Governor's Office of Emergency Services (State OES) Southern Region conducted the Golden Guardian 2006 Full-Scale Exercise in November at the Hyundai Pavilion in Glen Helen Regional Park.

This exercise was designed to test the readiness capabilities of San Bernardino County and the State of California to deter, prevent, respond and recover from a potential terrorist attack or large-scale natural disaster.

The focus of the multi-day exercise was the critical decisions and local asset integration necessary to save lives and protect public health following an Improvised Explosive Device (IED) and biological terrorism event. Over 1,200 participants representing more than 83 local, state and federal government agencies participated in the exercise to test preparedness for a mass casualty event.

In connection with the exercise, the Grants and Exercise Committee (GECO) of the San Bernardino County Operational Area was awarded the Silver Award from the Southern California Emergency Services Association. The GECO was recognized for their innovative and well-designed exercise planning efforts, like Golden Guardian, that increase the County's emergency preparedness.





**TIM SAPPOK**  
*Assistant Chief*

## ASSISTANT CHIEF - OPERATIONS

The year 2006 was a year of growth and challenge for Fire Suppression Operations of the County Fire Department.

The County Board of Supervisors authorized funding for several new full-time firefighter positions in areas of great need, as well as for new firefighting and paramedic equipment in underfunded areas, especially along the I-15 and I-40 corridors in the high desert.

The San Bernardino County Fire Department is an all-risk/full-service fire department committed to providing the highest level of service in the most efficient and cost-effective manner to the citizens and communities that we serve.

San Bernardino County is the largest county in the continental United States, encompassing more than 20,160 square miles of extremely diverse environments that stretch from the Los Angeles County line on the west, to the Colorado River on the east, to the Nevada State line and Kern and Inyo counties on the north, and Riverside County to the south.

We provide services to numerous communities/cities and all unincorporated areas of the county. This broad expanse is diverse not only ethnically and culturally, but also geographically and climatically.

Our jurisdiction is faced with all hazards, including floods, fires, earthquakes, and train derailments, among others, that im-

pact highly urbanized metropolitan areas that comprise major industrial centers and major transportation corridors. San Bernardino County is host to major interstate highways and thousands of miles of rail leaving and entering Southern California.

We are also home to major entertainment venues such as the Hyundai Pavilion and the California Speedway. Our mountain resort areas, the Colorado River and vast high-use recreational desert lands, underscore our diverse geography. Last year the San Bernardino County Fire Department responded to over 52,000 emergency incidents in these complex areas.

Sincerely,

*Tim Sappok*  
Assistant Chief



**TIM WESSEL**  
*Division Chief*

# NORTH DESERT DIVISION

The North Desert Division, the largest geographically of County Fire's divisions, covers 10,884 square miles of Mojave Desert, surrounded by the San Bernardino Mountains on the south, the Kern County line on the west, the Inyo County line on the north, and the Nevada state line on the east.

The district includes the rapidly growing Victor Valley area, with over 160,000 residents, and recreation areas that include the nation's largest off-road vehicle recreation area, the El Mirage Dry Lake, Mojave Desert National Preserve, Afton Canyon, Dumont Dunes Recreational Area, Rainbow Basin, Trona Pinnacles and the community of Baker, the gateway to the Death Valley National Park. The Division's Wrightwood Fire Station in the San Bernardino National Forest serves the needs of several thousand recreation seekers on winter weekends.

Important economic features within the Division include the U.S. Army National Training Center at Fort Irwin (where soldiers learn desert warfare tactics), the Marine Corps Logistics Base in Barstow and the Southern California International Logistics Airport in Victorville.

The North Desert Division's firefighting challenges include Interstate 15, traveled by over 220,000 vehicles daily, over 60 trains per day, high-pressure natural gas and petroleum pipelines, high voltage electrical power transmission lines and the San Andreas fault.

FACTS	
Fire Stations	24
Population	Approximately 160,000
Area Served	9,621 square miles
County Supervisor	Brad Mitzelfelt - 1 <sup>st</sup> District



- \* Icons in orange designate future fire stations.
- Station 103/10 will replace existing Station 103 on Beekley Road, Phelan



## COMMUNITIES SERVED

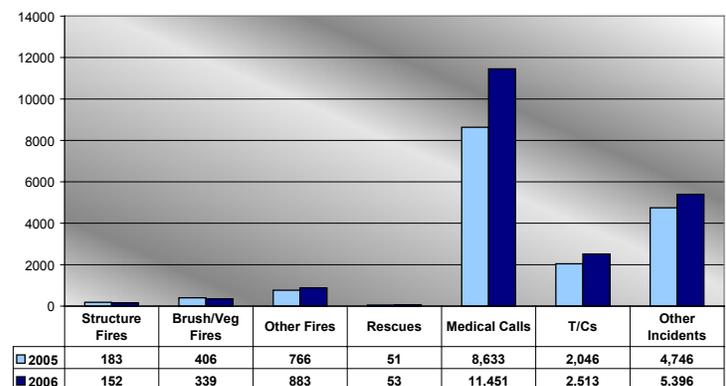
Adelanto	Oro Grande
Baker	Phelan
Baldy Mesa	Pinon Hills
El Mirage	Red Mountain
Harvard	Searles Valley
Helendale	Silver Lakes
Hesperia	Spring Valley Lake
Hinkley	Summit Valley
Lucerne Valley	Trona
Mt. View Acres	Windy Acres
Oak Hills	Wrightwood

## EQUIPMENT

16	Ambulances
12	Brush Engines
10	Brush Patrols
25	Fire Engines
1	Haz-Mat Vehicle
2	Ladder Trucks
2	Misc. Equipment
2	Rescues
1	Snow Cat
2	Squads
8	Support Trailers
7	Utility Vehicles
7	Water Tenders



## STATISTICS



2005 Totals - 16,831  
2006 Totals - 20,787

## PERSONNEL

1	Division Chief
6	Battalion Chiefs
39	Captains
12	Engineers
33	Firefighter/Paramedics
30	Limited-Term Firefighters
138	Paid-Call Firefighters
6	Civilians





**PAUL SUMMERS**  
*Division Chief*

## SOUTH DESERT DIVISION

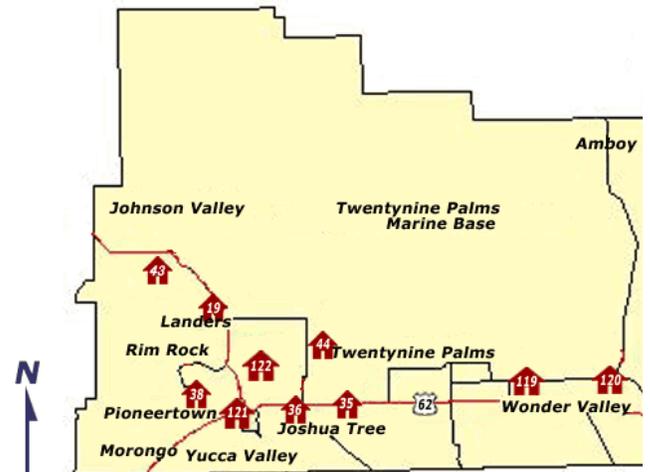
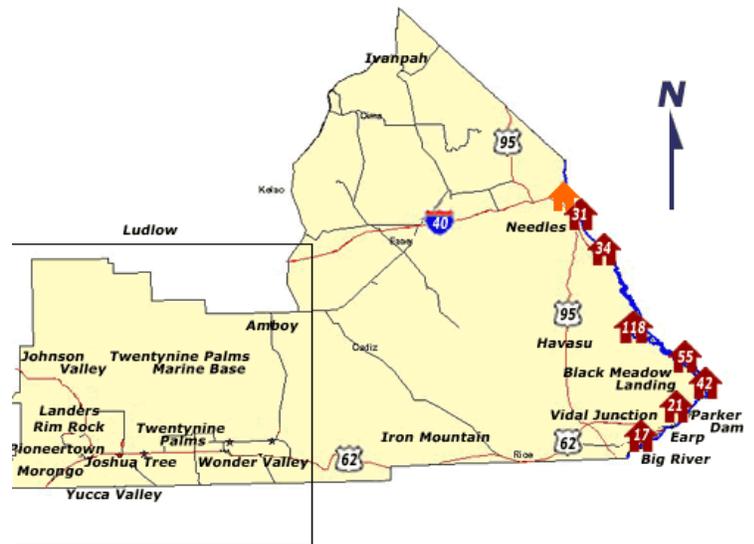
The communities served by County Fire's South Desert Division keep a "hometown" environment

but draw visitors and residents from all walks of life to enjoy the Joshua Tree National Park, local community events like the annual "Starry Nights Festival", or just a rest from the busy life of metropolitan areas.

The River Battalion encompasses the City of Needles and the communities of Havasu Lake and Big River along the Colorado River and Lake Havasu, which draw millions of recreational visitors each year. The U.S. Marine Corps Air/Ground Combat Training Center at Twentynine Palms provides a constant reminder of the strength and dedication of our armed services. South Desert Division fire crews work alongside crews from the California Department of Forestry and Fire Protection, the National Park Service, and the fire departments of Twentynine Palms, the Marine Corps and Morongo Valley, as well as with the Morongo Basin Ambulance service.

South Desert Division is committed to community-based service, emphasizing local connections.

FACTS	
Fire Stations	16
Population	49,648
Area Served	6,877 square miles
County Supervisors	Brad Mitzelfelt-1 <sup>st</sup> District Dennis Hansberger-3 <sup>rd</sup> District



\* Icons in orange designate future fire stations.  
 • Station on River Road, Needles  
 (has not been assigned a number)



## COMMUNITIES SERVED

Big River  
 Earp  
 Flamingo Heights  
 Havasu Landing  
 Johnson Valley  
 Joshua Tree  
 Landers  
 City of Needles  
 Pioneer Town  
 Wonder Valley  
 Town of Yucca Valley



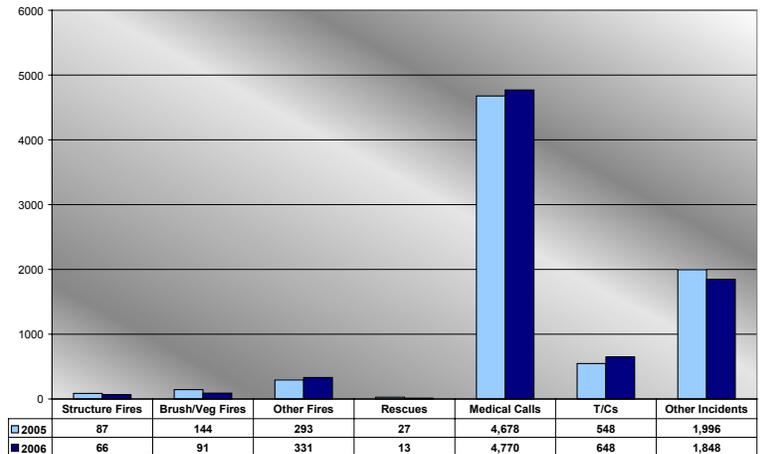
## PERSONNEL

1	Division Chief
6	Battalion Chiefs
15	Captains
9	Engineers
12	Firefighter/Paramedics
18	Limited-Term Firefighters
71	Paid-Call Firefighters
3	Civilians

## EQUIPMENT

6	Ambulances
2	Boats
4	Brush Engines
5	Brush Patrols
19	Fire Engines
1	Ladder Truck
1	Rescue
2	Squads
5	Support Trailers
7	Utility Vehicles
6	Water Tenders

## STATISTICS



2005 Totals - 7,773  
 2006 Totals - 7,767





**GEORGE CORLEY**  
*Division Chief*

# MOUNTAIN DIVISION

The Mountain Division is located in the heart of San Bernardino National Forest, the mountains above the

San Bernardino Valley, which provide recreational opportunities for millions of Southern Californians.

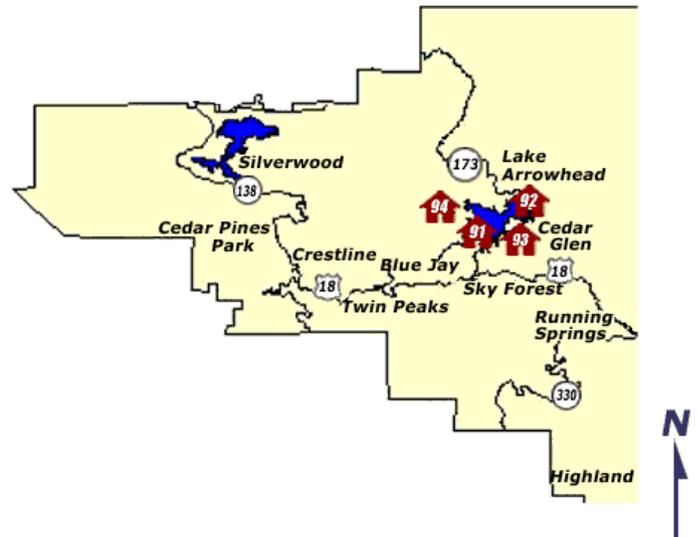
The Division serves 616 square miles of forested mountains, brush-covered foothills, and valleys that are also home to about 70,000 people, the largest residential population inside a U.S. national forest.

The mountain communities are a paradise, resulting in rapid population growth and increasing the need for County Fire services.

The Mountain Division's nine fire stations provide a full range of services, including fire suppression, prevention, emergency medical services, and Urban Search and Rescue (USAR).

The Division occasionally faces isolation due to winter road closures and hosts a fleet of snow cats, four-wheel drive units and front-end loaders to ensure our accessibility to our customers. The Mountain Division is home to our County Fire Hand Crews (which fight wildland fires on the ground), the Dozer Program and the Lake Arrowhead Fire/Paramedic Boat.

FACTS	
Fire Stations	9
Population	70,000
Area Served	616 square miles
County Supervisor	Dennis Hansberger - 3 <sup>rd</sup> District





## COMMUNITIES SERVED

Angelus Oaks  
 Barton Flats  
 Cedar Glen  
 Crest Park  
 Deer Lodge Park  
 Fawnskin  
 Forest Falls  
 Green Valley Lake  
 Lake Arrowhead  
 Mountain Home Village  
 Mentone  
 Sky Forest



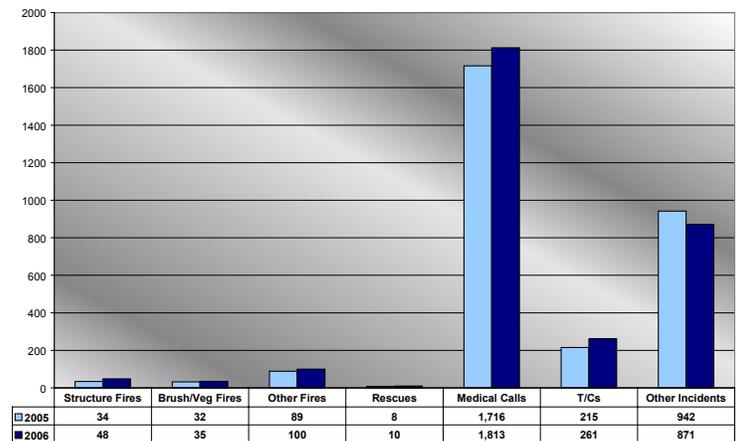
## PERSONNEL

1	Division Chief
3	Battalion Chiefs
17	Captains
12	Engineers
18	Firefighter/Paramedics
3	Firefighters
9	Limited Term Firefighters
60	Paid-Call Firefighters
4	Civilians

## EQUIPMENT

4	Ambulances
2	Boats
7	Brush Engines
2	Brush Patrols
12	Fire Engines
2	Misc. Equipment
1	Rescues
6	Snow Cats
3	Squads
9	Support Trailers
4	Utility Vehicles
5	Water Tenders

## STATISTICS



2005 Totals - 3,036  
 2006 Totals - 3,138





**THOM WELLMAN**  
*Division Chief*

## VALLEY DIVISION

The Valley Division encompasses the rapidly growing western half of the San Bernardino Valley, bounded by the communi-

ties of San Bernardino, Colton, Rialto, Rancho Cucamonga and Ontario. It shares its southern boundary with Riverside County. Numerous mutual aid agreements between County Fire and local cities help to ensure the best possible service to the 210,800 residents served by the Valley Division.

The Valley Division consists of two battalions, North Valley and South Valley, with 160 fire suppression personnel assigned to 13 fire stations. Firefighters provide a wide variety of emergency services ranging from structural and wildland firefighting, to technical rescues, such as confined space and high-angle (steep terrain and high wall) rope rescues; hazardous materials response; and advanced first-aid and life-saving capabilities.

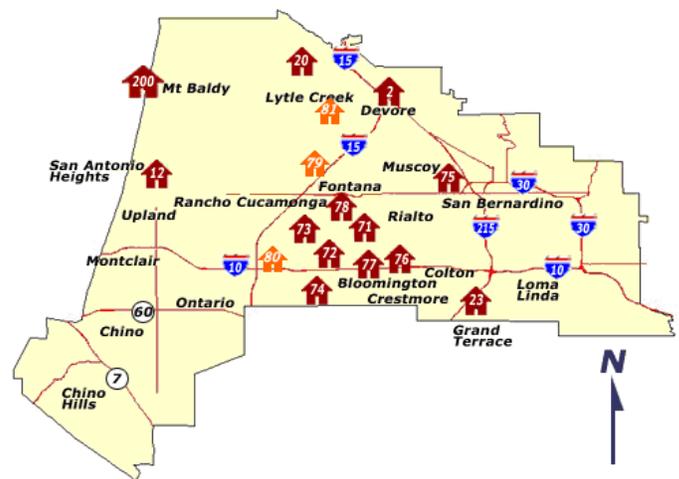
The Valley Division is home to two of the county's largest entertainment venues, the California Speedway and the Hyundai Pavilion. In addition, the communities of Devore, Lytle Creek, San Antonio Heights and Mt. Baldy are within or adjacent to the San Bernardino National Forest and offer major outdoor recreational activities both winter and summer.

Four major freeways; Interstate 10, Interstate 15, Interstate 215 and Interstate 210 traverse the Division. At the mouth of Cajon Pass there is a convergence of three

major rail lines, power supply lines and pipelines, all of which travel through the Valley Division on their way to Los Angeles, Riverside and Orange counties. The San Andreas and San Jacinto faults run through a portion of the Valley Division.

The demands on Valley Division firefighters continue to increase as the population and economy grow. The volume of business, number and complexity of responses is escalating annually. The Division's biggest challenge is to continue to provide premier public service by growing to keep pace with the communities it serves.

FACTS	
<b>Fire Stations</b>	13
<b>Area Served</b>	244 square miles
<b>Population</b>	210,800
<b>County Supervisors</b>	Paul Biane - 2 <sup>nd</sup> District Dennis Hansberger - 3 <sup>rd</sup> District Josie Gonzalez - 5 <sup>th</sup> District



- \* Icons in orange designate future fire stations.
  - Station 79 on Duncan Canyon Road, Fontana
  - Station 80 on San Bernardino Avenue, Fontana
  - Station 81 on Glen Helen Parkway, Devore



## COMMUNITIES SERVED

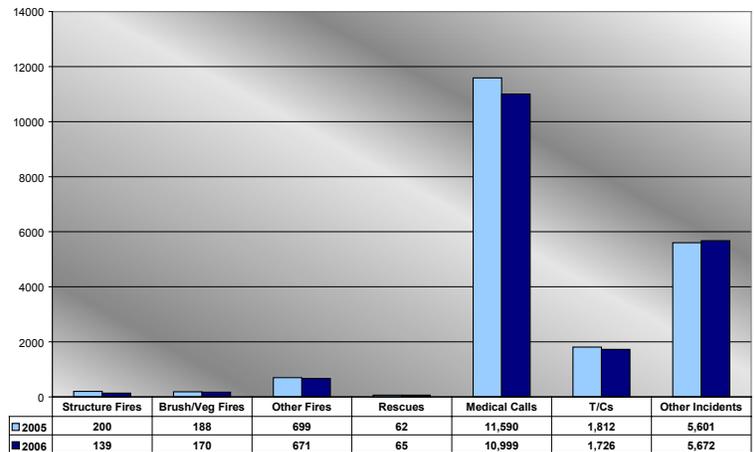
Bloomington  
 Devore  
 Fontana  
 Grand Terrace  
 Lytle Creek  
 Mt. Baldy  
 Muscoy  
 San Antonio Heights

## EQUIPMENT

1	Airport Rescue Unit
7	Brush Engines
4	Brush Patrols
24	Fire Engines
7	Haz-Mat Vehicles
3	Ladder Trucks
19	Misc. Equipment
2	Rescues
5	Squads
21	Support Trailers
10	Utility Vehicles
4	Water Tenders



## STATISTICS



2005 Totals - 20,152  
 2006 Totals - 19,442

## PERSONNEL

1	Division Chief
6	Battalion Chiefs
33	Captains
27	Engineers
41	Firefighter/Paramedics
10	Firefighters
9	Limited Term Firefighters
48	Paid-Call Firefighters
4	Civilians





**GARY PROVANSAL**  
*Division Chief*

## TRAINING & SAFETY DIVISION

The San Bernardino County Fire Department's Training & Safety Division provides full-service training, from orientation of new employees to the

most advanced training available in fire departments today.

The Training & Safety Division conducted 150,000 student hours of training in 2006 and implemented qualifying tests for Captain, Engineer, and Firefighter ranks, as well as for Limited Term employees. The Division has also created mentoring and development academies to accelerate qualification for the positions of Captain and Engineer in order to meet the challenge of serving the county's growing needs for firefighters and fire officers.

In addition, the Division provides service in the following areas:

### HAZARDOUS MATERIALS

The Division provides training for all levels of hazardous materials handling, and trains San Bernardino County Sheriff's deputies and others in the county's inter-agency hazardous materials team system.

In 2006, the Division was heavily involved with the implementation of a new hazardous materials unit for the North Desert Division. Also in 2006, the Hazmat unit wrote the Joint County Response



to Unknown Substances policy used by response teams in San Bernardino and Riverside Counties. This policy is used as an example in California's statewide training curriculum.

### URBAN SEARCH AND RESCUE (USAR)

The San Bernardino County Fire Department USAR training site is one of only three sites in California that provide all levels of USAR training. The Division has certified over 125 personnel, of which 61 are named as USAR responders.



### COUNTER-TERRORISM

The Division also provides counter-terrorism training to department personnel in decontamination and response to chemical, radiological, nuclear and bomb incidents and maintains a Rapid Response Decontamination Unit. The department's instructors also provide instruction for other agencies nationwide, including the FBI.

### AIRCRAFT RESCUE FIRE FIGHTING (ARFF)

County Fire is a one-third partner in the San Bernardino Regional Emergency Training Center for ARFF, along with City of San Bernardino and San Bernardino Valley College, and administers the \$14-million facility. The center, which operates on mostly federal funds, provides training for the Western Pacific Region of the Federal Aviation Administration (FAA) and draws students from all over the world.



## EMERGENCY MEDICAL SERVICES (EMS)

County Fire through its EMS Division, trains and maintains certification of 600 emergency medical technicians and 125 paramedics, representing seven ambulance and medical transport agencies.

The EMS group provides Advanced Life Support (ALS) ambulance transport in the Mountain, North Desert and South Desert Divisions. The Department provides Basic Life Support response to all other areas of the County and maintains automatic defibrillator services in 32 stations, with a total of 52 units in-service.



## SAFE HAVEN PROGRAM

In 2006, the Division also completed training and acquired equipment for the Safe Haven program, which allows parents to leave newborn infants up to 72 hours old that the parents are unwilling or unable to care for, at hospitals, police and fire stations, no questions asked. The children receive immediate care and are prepared to enter public child welfare programs. The program includes over 34 fully staffed stations.



## SAFETY OFFICERS

The Training & Safety Division deploys trained safety officers and technical experts to large-scale emergencies to provide expertise and leadership to hazardous materials response, Urban Search and Rescue, aviation emergen-

cies, counter-terrorism response, and EMS. They advise incident commanders to help assure the safety of public safety personnel, and to support investigations. The Department also has a Safety Specialist from County Risk Management to assist in investigations, provide training, and technical expertise regarding safe practices, regulatory compliance, and assistance regarding safety.



## PERSONNEL

1	Division Chief
1	Battalion Chief
5	Captains
1	Emergency Medical Services Supervisor
1	Emergency Medical Services Nurse Educator
2	Emergency Medical Services Training Officers
1	Haz-Mat Coordinator/Training Officer
1	Safety Specialist
2	Civilians



# FIRE EXPLORERS—OUR FUTURE FIREFIGHTERS

**F**ire Service Explorer Posts help youth gain insight into a variety of programs that offer hands-on career activities. For young men and women who are interested in careers in the field of fire service, Exploring offers experiential learning with lots of fun-filled, hands-on activities that promote growth and development of adolescent youth.



Fire Explorers are the firefighters of tomorrow. San Bernardino County Fire is proud and honored to be a part of the Explorer Program. County Fire has Explorer Posts in Adelanto, Hesperia, Lucerne Valley, Phelan, Lytle Creek and Fontana.

**Requirements:** You must be between 14 - 21 years of age, live in San Bernardino County, maintain a grade point average of 2.0 ('C') or better in school, be willing to learn and be available to actively participate in various drills, fundraisers, and fire training.



## What do Fire Explorers do?

Explorers volunteer at many special events, including the County picnic, parades, and other Department events; assist firefighters during flooding and other emergency incidents; attend drills twice a month; and continually practice the skills they are learning by attending Fire Explorer academies and participate in Explorer musters.



# HONOR GUARD

The San Bernardino County Fire Department Honor Guard is steeped in fire service tradition. It currently has 10 members under the direction of Union President/Captain Bret Henry.

Its first assignment in 2002 was to represent County Fire at the Annual National Fallen Firefighter Memorial Service held at the Capitol in Washington, D.C. This ceremony honored the 343 firefighters who died in the World Trade Center terrorist attack on September 11, 2001, as well as others who died, including our fallen brothers from the City of New York's Police Department and Port Authority.

In 2006, County Fire's Honor Guard performed solemn duties in the wake of two tragedies. The guard attended memorial services for the five members of the U.S Forest Service's Engine 57, who died on duty during the Esperanza Fire in October. In December, the Honor Guard attended services for the three public safety workers who perished in December's crash of Mercy Air 02, a helicopter returning to its base in Victorville after responding to an emergency call. In addition, the Honor Guard laid a wreath at the Tomb of the Unknown Soldier at Arlington National Cemetery in Arlington, Virginia.

The Honor Guard is dedicated to Honor, Pride, Excellence, and Compassion and uses protocols based on the U. S. Marine Corps Drill Manual.







**PETER BRIERTY**  
*Assistant Chief &  
Fire Marshal*

## ASSISTANT CHIEF - ADMINISTRATION & OFFICE OF THE FIRE MARSHAL

**A**s Assistant Chief and Fire Marshal, I am responsible for three major functional areas: the Office of the Fire Marshal, the County Communications Center and Support Services.

The Office of the Fire Marshal (OFM) has a unique position within the Fire Department. It includes the Inspection, Investigation, and Regulatory functions of the County Fire Department as they relate to fire and life safety. While active in emergency preparedness and response to fires and hazardous materials incidents, OFM also serves the vital purpose of preventing emergencies through the education and enforcement of numerous laws and regulations such as the Uniform Fire Code and the Health and Safety Code. The OFM also prevents emergencies by helping small businesses and residents to properly manage and eliminate hazardous materials and other hazards from businesses and homes.

The OFM works as a team to protect life, property, and the environment for the health and safety of both present and future generations. OFM encompasses the Hazardous Materials Division and the Community Safety Division.

My area of responsibility also includes the CONFIRE JPA Communication Center whose primary function is to provide direct fire, EMS, and rescue dispatch for the CONFIRE members and the dispatch contractors.

CommCenter also functions as the operational area dispatch for the County of San Bernardino. Under this function, CommCenter is responsible for coordinating mutual aid needs within the county and for processing mutual aid requests to and from Region VI Office of

Emergency Services Operations Center. It also serves as the alternate Region VI mutual aid dispatch center.

The Sewell Service Center supports and repairs 431 vehicles, 4 boats, 10 breathing support units, 7 loaders and dozers, 7 snow cats, 19 station generators and 67 compressors. Vehicle Services also maintains all the small engines for chain saws, small generators, float-a-pumps and other small equipment used. The Service Center also maintains a complete warehouse that supports all routine equipment needs and provides logistical support during large emergency incidents.

Sincerely,

*Peter Brierty*

Assistant Chief & Fire Marshal





**TRACEY MARTINEZ**  
*Public Information Officer*

## PUBLIC INFORMATION OFFICE

The Public Information Office prides itself on keeping the citizens of the communities we serve informed on current inci-

dents and preventative measures. Duties include responding to all types of disasters, handling public inquiries and media requests, writing press releases, conducting community outreach, maintaining the department website ([www.sbcfire.org](http://www.sbcfire.org)), producing the annual report and coordinating internal communications and department award ceremonies. Public Information Office also plays a role on the Mountain Area Safety Taskforce, leading the Public Outreach Program.

Full-time staffing consist of a lead Public Information Officer and an Assistant Public Information Officer. Several personnel within County Fire have been trained to act as a Public Information Officer during large incidents. The department also has photographers and videographers available on an on-call basis.



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### *Public Information Officer Motto*

The San Bernardino  
County Fire  
Department actively  
seeks to establish a  
cooperative climate  
with the news media.

Our primary objective  
is to disseminate  
accurate information  
in a timely manner.

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**RICK BRITT**  
*Communications Director*



The CONFIRE Communications Center, better known as CommCenter, is a multi-agency emergency Fire/Emergency Medical Services dispatch center. CommCenters' mission is to provide 24/7 direct Fire/EMS dispatch services, full spectrum Management Information Systems (MIS) service and support, and Geographical Information Systems (GIS) services to the Consolidated Fire Agencies of the East Valley Joint Power Authority (CONFIRE JPA), and several contracting fire agencies. The member agencies of the CONFIRE JPA are Colton Fire Department, Loma Linda Fire Department, Redlands Fire Department, Rialto Fire Department, and San Bernardino County Fire Department. In addition, the agencies that currently contract for dispatch services with the CONFIRE JPA are Running Springs Fire District, Twenty-nine Palms Fire Department and San Bernardino County Roads Department. We currently dispatch for a total of 83 fire stations.

CommCenter also functions as the operational area dispatch for the County of San Bernardino. Under this function, CommCenter is responsible for coordinating mutual aid needs within the county and for processing mutual aid requests to and from the Region VI Office of Emergency Services Operations Center in Riverside.

In its Emergency Medical System role, CommCenter has four responsibilities; provide Emergency Medical dispatch for all medical aid calls received at CommCenter, provide systems coordination for the San Bernardino County portion of the REDDINET, provide transportation coordination and emergency bed availability for MCI's (multi casualty incidents), and provide coordination and "flight following" of EMS helicopters on emergency incidents within San Bernardino County.

Beyond the direct daily fire dispatching role, CommCenter also functions as the San Bernardino County Operational Area dispatch center, which provides large incident coordination for fire, local government, and for emergency medical services on a countywide basis. CommCenter provides after hours dispatch services for local government, including the County Transportation/Flood Department, County Museums, Public Health, Environmental Health and County Facilities Management.

### **MANAGEMENT INFORMATION SYSTEMS (MIS)**

The CONFIRE JPA has 14 staff members assigned to the MIS mission. They provide the complete scope of services related to Wide Area Network (WAN) support, network security services, complete email services, Local Area Network (LAN) support, server and desktop computer support. An application development team provides for software development and support for several major applications used by the member agencies.

## GEOGRAPHICAL INFORMATION SYSTEMS (GIS)

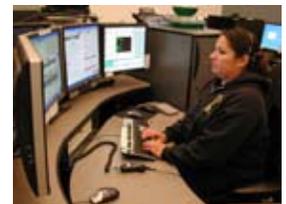
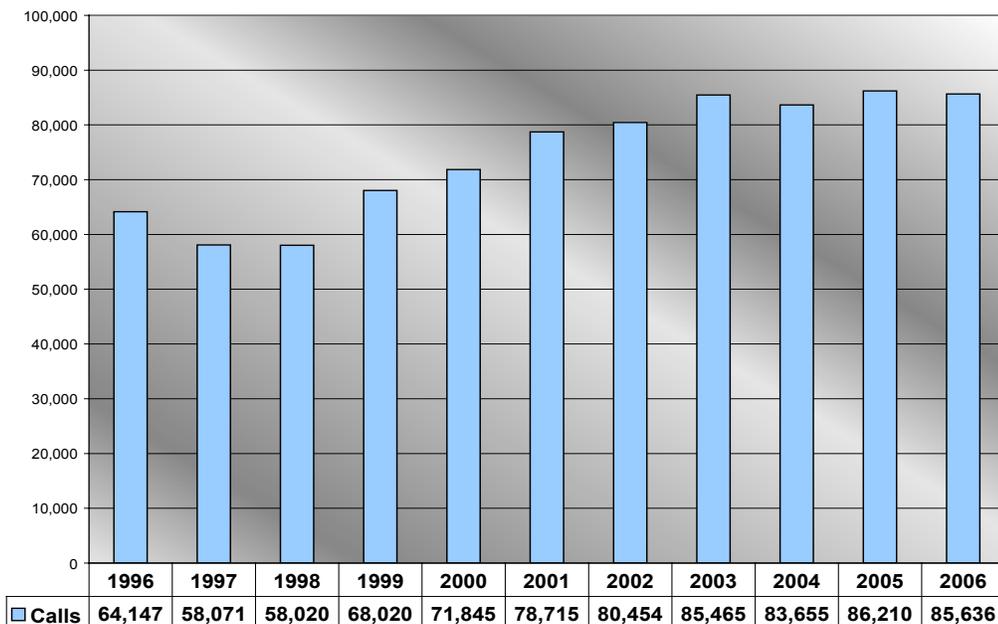
The GIS team consists of four members who provide a wide spectrum of GIS services in support of the Computer Aided Dispatch System (CAD) and other GIS requirements requested from the member agencies. They routinely update the street and address information in CAD, the 911 telephone records, and the Telephone Emergency Notification System (TENS). They provide unique fire response map books to all of the agencies for use in their apparatus and fire stations. The County 911 Coordinator is also a member of this team. The Coordinator's responsibilities include coordinating any information coming from the State 911 office to all public safety agencies in the county,

coordinating the expansion of the 911 system to include cell phones and internet phones. He also acts as a liaison between the private phone companies and public safety agencies in regards to their incoming 911 phone lines.

## PERSONNEL

1	Communications Director
1	Staff Analyst
1	Clerical Support
2	Administrative Dispatch Supervisors
1	Dispatcher Operations Manager
4	Dispatch Supervisors
25	Dispatchers
4	Call Takers
14	MIS
3	GIS
1	911 Coordinator
1	Communications Tech
1	Communications Aide

## INCIDENTS PROCESSED BY COMM CENTER



# SUPPORT SERVICES



**DAVE THOMPSON**  
*Support Services Manager*

## SERVICE CENTER

The Service Center orders, receives and distributes supplies and equipment. As

requisitions and online orders are received from our stations, service center staff members arrange for pick-up or delivery of the requested goods. Daily functions include outfitting new hires with uniforms and personal protective equipment and/or replacing safety clothing for current personnel, as well as tracking inventory by assigning or marking all gear and equipment used by County Fire. In addition, the Service Center works with grant-related purchases, tracking and deliveries. The Service Center also provides critical logistical support for large-scale incidents such as fires or floods, including meals, equipment, and other related requests.



The Service Center provides the same service for contract cities and communities, including Colton, Loma Linda, Morongo, Ontario, Rancho Cucamonga, Rialto and the San Bernardino County Sheriff's Department.



## PERSONNEL

1	Supervisor
3	Store Keepers
1	Fiscal Assistant

## FACILITIES MAINTENANCE

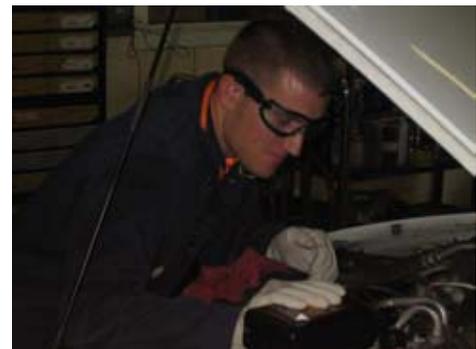
With a staff of two, Facilities Maintenance assists fire stations with maintenance and sets up new equipment. Such services include station generator set up, washer/dryer installations, light plumbing, light construction and other special needs.



## VEHICLE SERVICES

Vehicle Services is responsible for the maintenance and repair of vehicles for County Fire and the department's contract cities. The group also installs radio equipment and fabricates all mountings on new fire vehicles. Vehicle Services manufactures parts and installs equipment on apparatus for fire departments in Colton, Loma Linda, and Rialto, as well as the San Bernardino International Airport Authority, the California Office of Emergency Services and the Crest Forest Fire Department.

The shop is responsible for over 700 vehicles and related equipment. Vehicle Services provides towing services and dispatches fire mechanics, including dozer mechanics, to fires and other incidents throughout our region.



## PERSONNEL

1	Division Manager
1	Supervisor
2	Lead Mechanics
19	Mechanics
1	Clerical Support
2	Parts Room Attendants
1	Parts Runner





## COMMUNITY SAFETY

**MIKE HORTON**  
*Assistant Fire Marshal*

Utilizing the three “E’s” of Fire Prevention: Education, Engineering and Enforcement, the Community Safety Division encompasses investigations, planning and engineering, inspections, special events and public education. Our focus is on fire prevention and protection for citizens and the business community. Each section provides services and strategies from fire-protection equipment plan review, to field inspections, to maintaining business continuity.

In 2006, the Board of Supervisors approved six new positions, including a Fire Prevention Supervisor to create and implement a county-wide annual inspection program.

Implementation of Permits Plus, a planning and engineering management software program, will be in place by early 2007. This will streamline the permit and plan check process, as well as the inspection programs and provide better customer service.

A Damage Assessment Response Team, comprised of individuals from County Fire, Code Enforcement and the County Assessor’s Office, was created to provide an immediate assessment of damage caused by large-scale fires and other natural disasters.

Sincerely,

*Mike Horton*  
Assistant Fire Marshal

## PERSONNEL

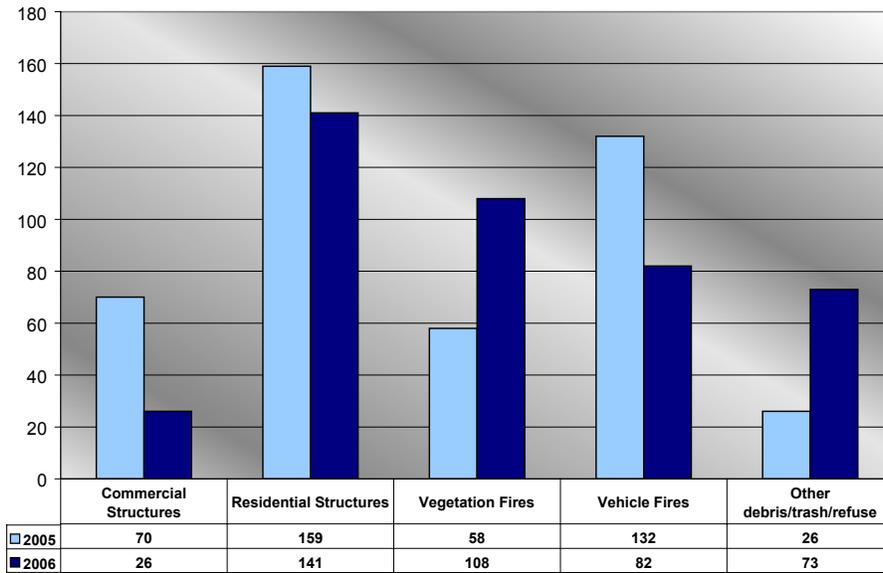
1	Assistant Fire Marshal
3	Fire Prevention Supervisors
8	Fire Prevention Specialists
7	Fire Investigators
6	Fire Prevention Officers
1	Special Events Coordinator
9	Clerical Support
1	Front Counter Technician
2	Senior Plans Examiners

# COMMUNITY SAFETY (CONTINUED)

## INVESTIGATIONS

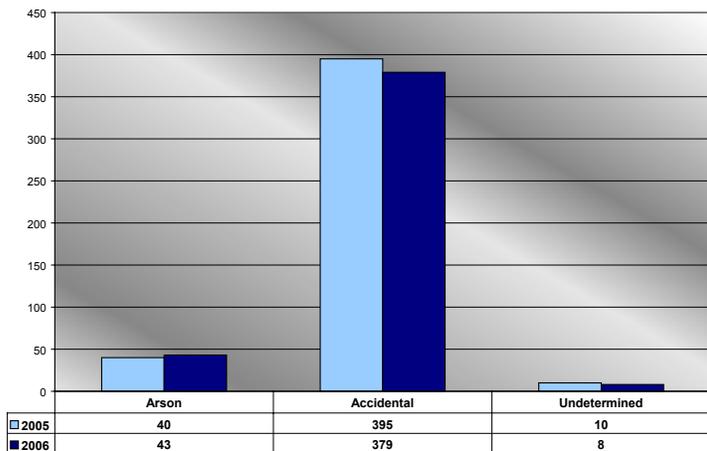
Fire Investigators may be called to the scene to determine the cause of a fire. These personnel are specially trained to trace back a fire to its origin and determine its cause. They are also trained to gather evidence for prosecution in the event the fire was caused by arson.

### Investigations 2005/2006

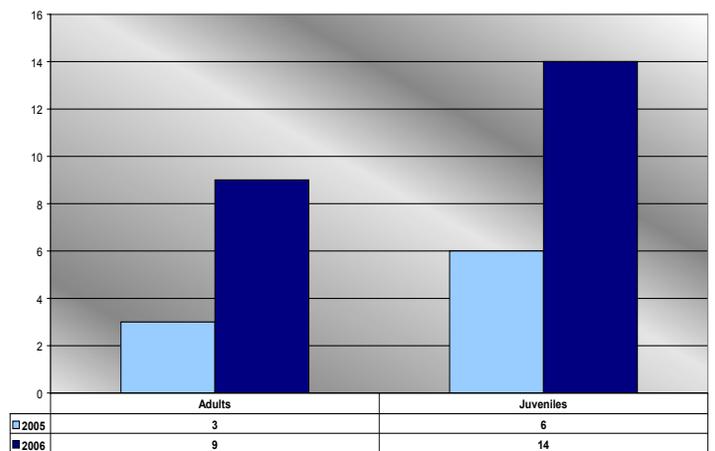


2005 Total - 445  
2006 Total - 430

### Cause of Fire 2005/2006



### Arrests 2005/2006



## PLANNING & ENGINEERING

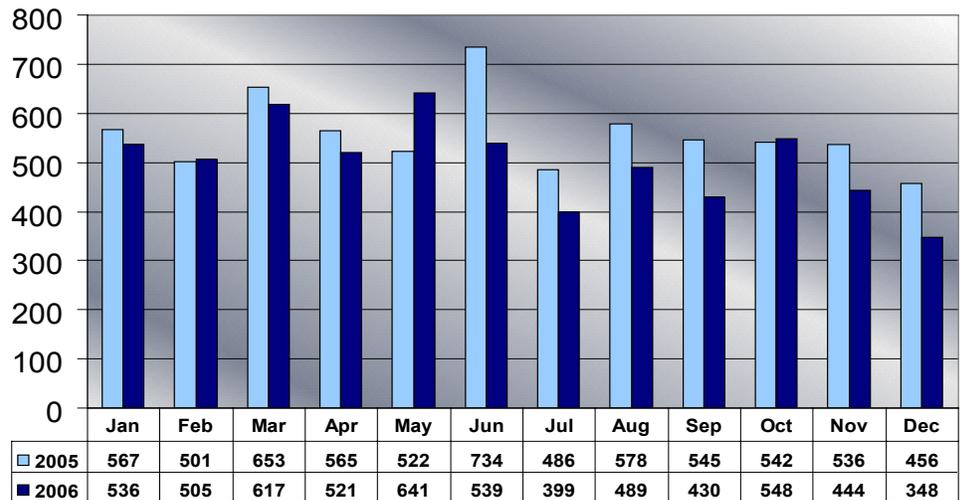
Plans are required for all new buildings and for changes to existing buildings. The Fire Department reviews these plans to help ensure that the Fire Code is being followed, and to prevent unnecessary hazards.



With approximately 500 meetings annually, attendance at Design Review Committees (DRC), Design Advisory Boards (DAB) and meetings with customers and developers are important duties of this department. Department attendance at board meetings is required by the various cities, as vital information on future planning projects is discussed and fire department direction is needed.



**Plan Reviews**



**2005 Total - 6,685**  
**2006 Total - 6,017**

# COMMUNITY SAFETY (CONTINUED)

## NEW CONSTRUCTION INSPECTIONS

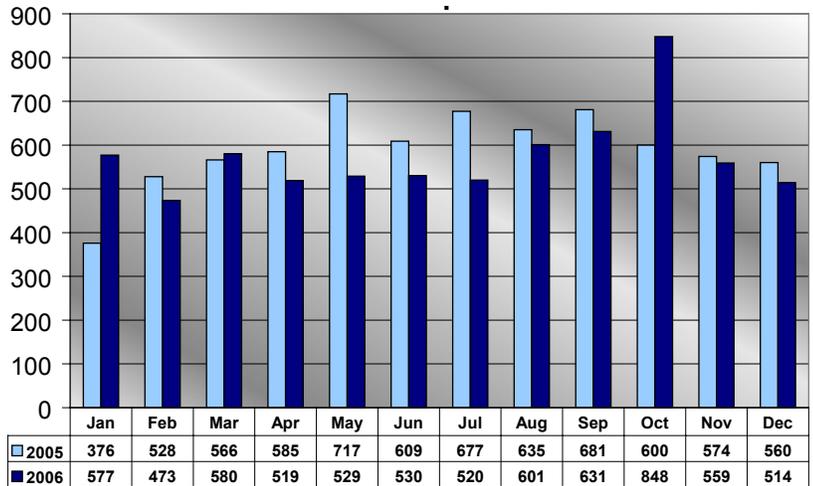
As buildings are being constructed or modified, Fire Department personnel inspect the construction to make sure the work is done according to the plans presented for approval.

## FIRE INSPECTIONS

Fire Department personnel make sure buildings are safe by inspecting them regularly. The types of buildings inspected are businesses, factories, restaurants, churches, schools, senior citizen housing, and other buildings that could pose significant fire risks to occupants or members of the public.

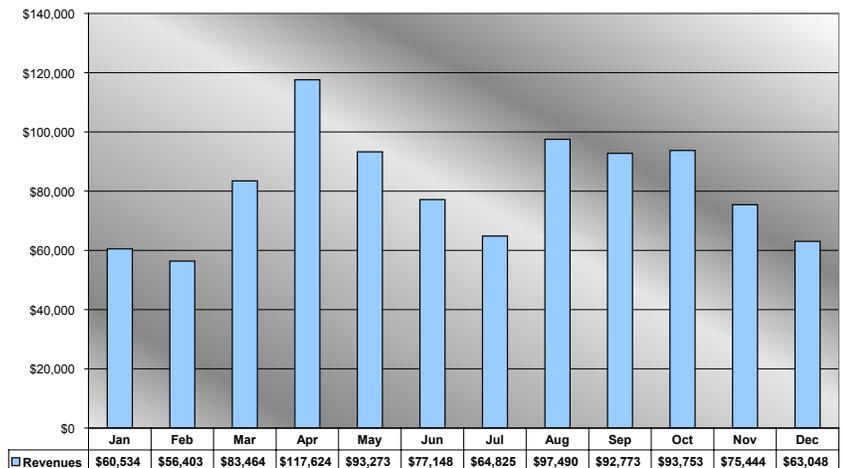


2005/2006 Inspections



2005 Total - 7,108  
2006 Total - 6,881

Plan Check & Inspection Fee Revenues 2006



2005 Total - \$ 858,842  
2006 Total - \$1,638,051

## SPECIAL EVENTS



The main focus of the Special Events section is to ensure that safety precautions are observed at various events that occur within San Bernardino County, such as races, movie shoots, all firework displays, concerts and festivals. County Fire works closely with Warner Brother Studios, the California Film Commission, California Speedway and the Hyundai Pavillion, to name a few.

With the rapid growth in San Bernardino County, the number of these special events has increased tremendously. Out of the 126 events in 2006, no significant emergencies occurred.

In 2006, for the second consecutive year, Ron Avanzolini, County Fire Special Events Coordinator, received a California on Location Award from the California Film Commission for the professionalism, courtesy and respect he has shown the film industry in working to meet their location needs.

SPECIAL EVENTS				
Races	Film Shoots	Pyro Shoots	Concerts	Festivals
23	37	31	19	14

## PUBLIC EDUCATION



The Public Education Division of Community Safety attended many community events and participated in several safety awareness campaigns in 2006, from school programs to community events, reaching an estimated 44,000 citizens throughout San Bernardino County.

There were workshops for seniors, fire extinguisher training for factory workers, Risk Watch and Juvenile Firesetting programs provided throughout the year. We also participated in the Environmental Expo at Cal State San Bernardino, Wildfire Awareness Day, National Orange Show, National Night Out, Fontana Police Department Fair, Arrowhead Regional Medical Center Fair, and Celebrating Seniors. Our department was also very active during National Safety Week, with open houses at numerous fire stations, school programs, and a public outreach campaign. The Safety Trailer was utilized at several events, promoting fire safety in the home.

The Public Education Division also played a major role in the Spark of Love Toy Drive in conjunction with KABC, Channel 7 and Southland fire departments, distributing thousands of toys to kids throughout San Bernardino County.

The Fire Department prides itself on an outstanding public education program, especially aimed at schools. As always, Public Education provides information on fire and life safety, communicating our Service Motto - Duty, Honor, and Community, to all the areas covered by San Bernardino County Fire Department.

PUBLIC EDUCATION			
School	Annual Events	Workshops	Juvenile Intervention
26	53	17	8
6,352 participants	37,458 participants	350 participants	

*\*Statistics are accumulated based programs administered through the Public Education Division and do not reflect events that each station provides individually.*





**DOUG SNYDER**  
*Assistant Fire Marshal*

# HAZARDOUS MATERIALS

The Hazardous Materials Division protects the health and safety of the public and the environment by improving the management of hazardous materials through inspection,

emergency response, site remediation, and hazardous waste management services. The Hazardous Materials Division serves the entire County of San Bernardino, including its 23 incorporated cities and towns. The Division is very proactive and involved at the State level with legislative and regulatory developments and other statewide efforts in order to keep high quality, effective, and achievable hazardous materials and waste management programs in operation.

For program information, see  
<http://www.sbcfire.org/hazmat/index.asp>

The Hazardous Materials Division has two budgetary units:

**Regulation, Response, and Remediation**  
 Budget: \$4,836,501 Personnel: 39

**Household and Small Business  
 Hazardous Waste Disposal**  
 Budget \$2,257,211 Personnel: 21

## SERVICES

- Hazardous materials and waste compliance inspection
- Hazardous materials emergency response
- Drug lab evaluation and remediation
- Complaint response
- Public and industry education
- Aboveground storage tank (AST) plan check and installation inspection
- Hazardous materials and waste investigation and enforcement
- Environmental Crimes Strike Force
- Underground storage tank (UST) plan check, monitoring, and inspection
- Investigation and remediation oversight of contaminated sites
- Hazardous materials emergency planning and preparedness
- Public Health response- biological and chemical incidents
- Planning project review for startup and operational requirements
- Hazardous materials disclosure, pollution prevention, and accident prevention
- Community Right to Know and Public Information

The Division provides its services through a combination of field and support activities. Hazardous Materials Specialists are out in the field working with facility operators, contractors, and other emergency response personnel. The majority of the funding for this budgetary unit comes from fees charged to regulated facilities. Field personnel perform a variety of types of inspections including routine compliance inspections, complaint response, construction and removal of underground tanks, and identification of new and closed operations. Inspectors advise facility operators as to how to return to compliance and provide technical assistance. The Division takes civil, criminal, and administrative enforcement actions if necessary, but education is our primary compliance tool.

Regulation, Response, Remediation Statistics	2005	2006
Regulated Facilities	6,704	6,764
Facility Inspections	2,786	3,084
Non Emergency Complaints	349	352
Hazmat Team Responses	205	256
Underground Storage Tank (UST) Facilities	902	893
UST Systems	2,429	2,408
UST Installations & Modifications	341	455
Site Remediation Cases	196	183
Positions	38	39
<b>Budget - Regulation, Response, Remediation</b>	<b>\$4,836,501.00</b>	<b>\$5,597,338.00</b>

## HAZARDOUS MATERIALS (CONTINUED)

Emergencies created by releases of hazardous materials occur in San Bernardino County frequently. The County Fire Haz-Mat Division Emergency Response Team, comprised of 10 Environmental Health Specialists/Haz-Mat Specialists, respond to these releases in order to sample and identify the hazard; provide technical guidance to other responding agencies regarding hazard mitigation, potential public health and environmental risks; and conduct immediate and on-going investigation into possible civil and criminal liability for the release. The team also operates in conjunction with the San Bernardino County Interagency Haz-Mat Team comprising Haz-Mat Technicians and Specialists from 20 different Fire Departments county-wide.

The underground storage tank (UST) program is seeing a fairly stable number of tank facilities and systems, and a reduction in the number of site remediation cases. The success in reducing the number of site remediation cases is indicative of both the work being done to clean up old cases and the effectiveness of the UST leak prevention measures.

The effectiveness of the inspection program is apparent in the increase in the percentage of facilities that are determined to be in significant operational compliance with the myriad of UST regulatory requirements.

The Emergency Response Program tackles complaints and Haz-Mat team response with the help of specialized resources:

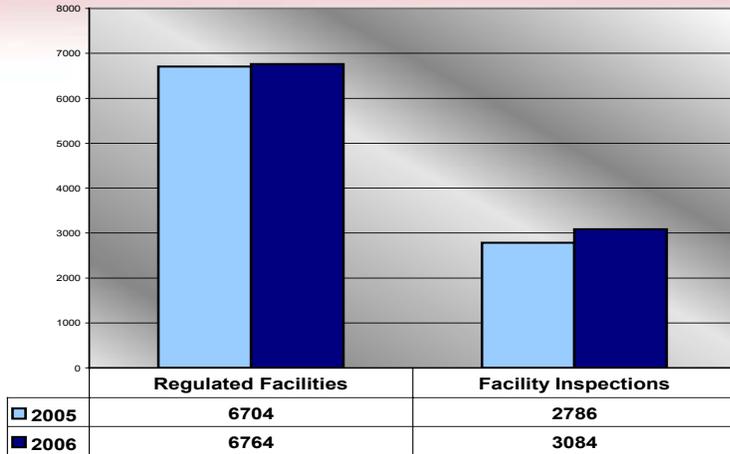
- 4 Response Squads
- 1 Mobile Analytical Lab
- Personal Protective Equipment, Breathing Apparatus & Chemical Protective Suits
- Sampling Equipment
- Containment Equipment
- Field Identification Equipment

The Hazardous Materials Division is engaged in preventing, preparing for, responding to, and

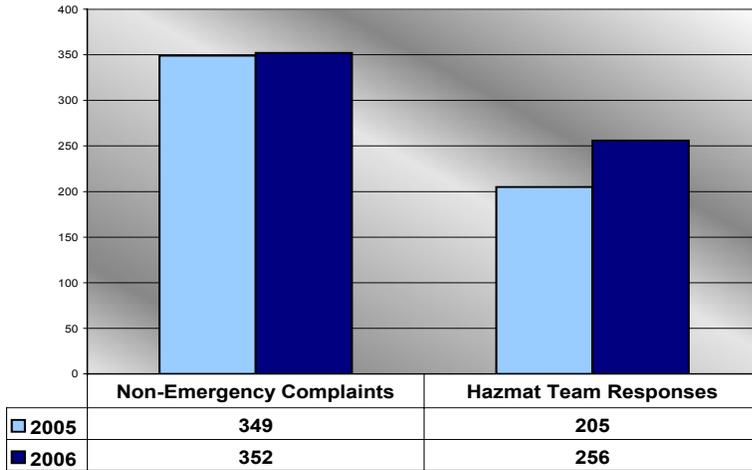
recovering from incidents involving hazardous materials and wastes. Our basic approach is education through field inspection, consultation, and public outreach. The

Division is committed to providing excellent service to our facility clients, the general public, and their representatives.

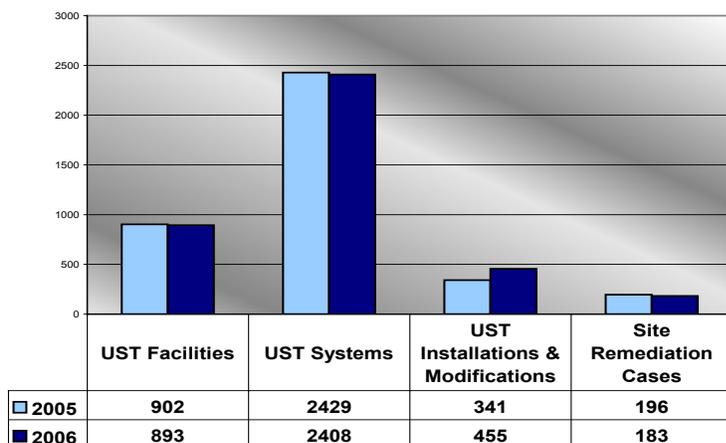
### Facilities and Inspections



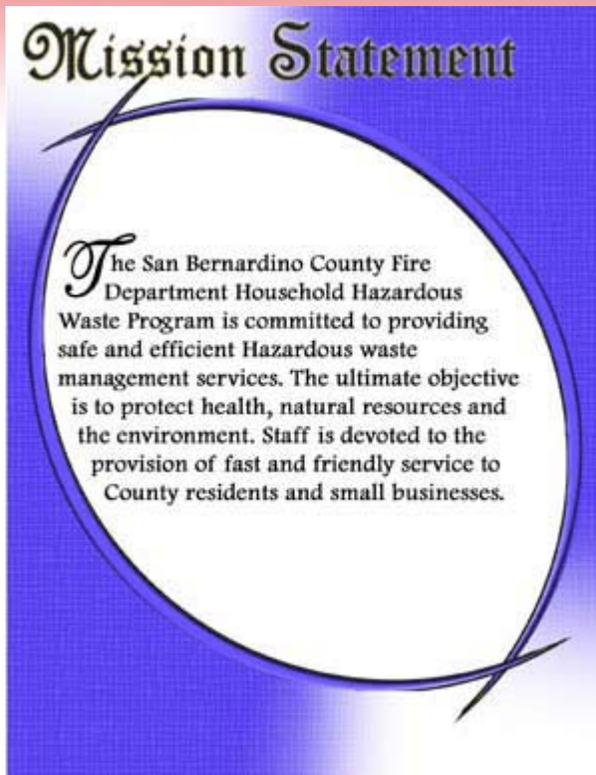
### Complaints and Responses



### UST Facilities and Systems



# HOUSEHOLD HAZARDOUS WASTE



## FUNCTION

- Manages 25 permanent Household Hazardous Waste (HHW) collection facilities and 12 Universal Waste collection events annually.
- Provides door-to-door HHW management services for the elderly and disabled.
- Provides Hazardous Waste Management services to small businesses.
- Provides comprehensive staff training to meet the requirements of federal and state laws and regulations.
- Provides public education outreach to all county residents and small businesses.
- Updates HHW element to comply with the Integrated Waste Management Act of 1989 and subsequent amendments.
- Compiles and submits reports for the county and its cities to the California Integrated Waste Management Board, the Department of Toxic Substance Control and the local Certified Unified Program Agencies (CUPA) as required by the California Health and Safety Code.
- Provides HHW statistics to the County Solid Waste

Department for use in compiling waste diversion reports required by the Integrated Waste Management Act.

- Provides HHW statistics to the county and cities for use in compiling annual National Pollutant Discharge Elimination System (NPDES) reports to meet the requirements of the Federal Clean Water Act.
- Operates material re-use store, in accordance with California Health and Safety Code. Free household products, including paint, are distributed to county residents daily.

## AWARDS

The county's HHW program is recognized as one of the nation's best and most comprehensive. Awards won in 2006 include:

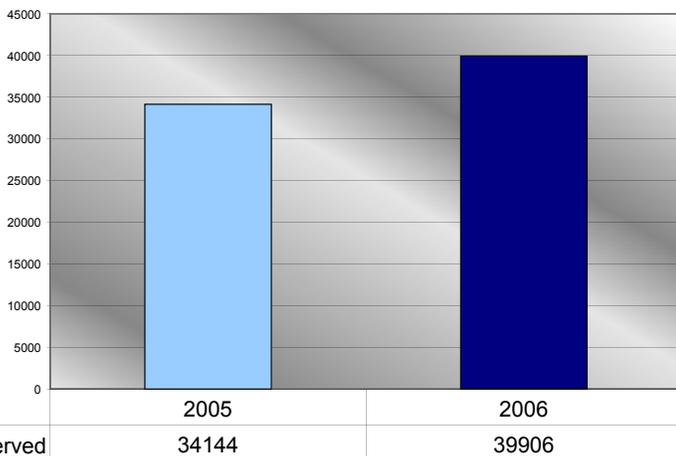
- California Environmental Protection Agency (CAL/EPA) Best Rural Program and Continued Program Excellence
- National Association of Counties, Best in the Environmental Category for in-house latex paint recycling
- National Hazardous Materials Management Association (NAHMMA) Program Excellence Award
- CAL/EPA and NAHMMA Personnel Service award for national HHW workers training
- San Bernardino County Fire Department Customer Service and Personnel Service awards



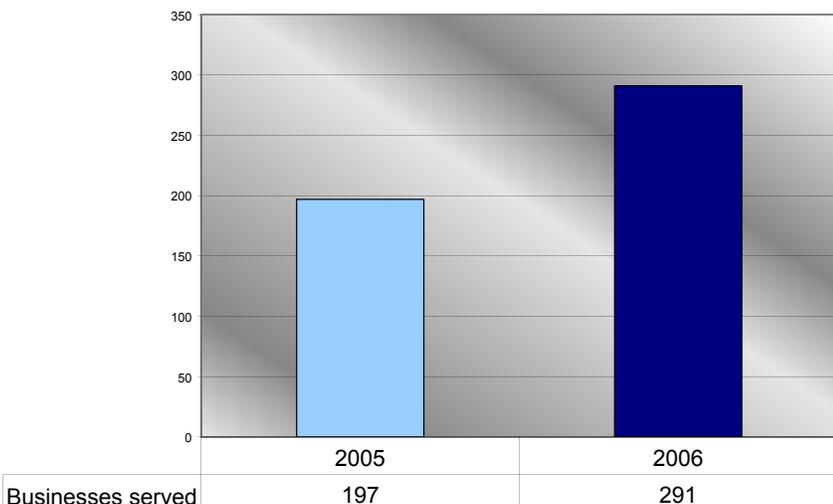
1-800-Oily Cat

<b>Household and Small Business Waste Statistics</b>	<b>2005</b>	<b>2006</b>
HHW Permanent Facilities	25	25
Pounds of HHW managed	3,122,199	2,150,679
Residents served	34,144	39,906
Businesses served	197	291
Positions	21	21
<b>Budget - Household and Small Business Waste Disposal</b>	<b>\$2,257,211.00</b>	<b>\$2,548,664.00</b>

**Residents Served by HHW Disposal Program**



**Businesses Served by HHW Disposal Program**



# CRITICAL INCIDENT STRESS MANAGEMENT TEAM (CISM)

This year, San Bernardino County Fire's Peer Support Team changed its name to the Critical Incident Stress Management (CISM) team. The CISM offers spiritual and psychological assistance in times of need for firefighters, other public safety employees and their families, both inside and outside of the San Bernardino County Fire Department, as well as to victims of fires, accidents and disasters that involve fire and police department activity.



In 2006, the CISM group responded to over 180 calls to communities that included Fort Irwin, Victorville, Twenty-nine Palms, Upland, Chino, and Big Bear. CISM team members assist with funeral arrangements, making arrangements when a firefighter or other public safety employee becomes disabled, and assisting personnel with legal problems. In 2006, for example, The San Bernardino County Fire Department's CISM assisted when an Upland Fire Department engineer was injured in an on-duty traffic accident. The CISM team also assisted with funeral arrangements and family assistance when two California Highway Patrol officers died during the course of their duties. The CISM team also participated in



the funeral of Honorary Firefighter Oscar Medina, a 19-year-old Fontana Explorer Scout who died of a brain tumor.

Over its history, the CISM teams have assisted in over 1,000 incidents. CISM teams have assisted communities during major fires and storms, and given aid to evacuees at shelters. Team members have offered support to both department personnel and families during searches for missing hikers. In addition, CISM team members have worked at major events at Fontana's California Speedway, and have been involved in September 11, 2001 commemoration ceremonies, station dedications, promotion ceremonies, academies and department education classes.

## 2006 TOTAL HOURS

**CISM team: 1,530**

**Chaplain: 1,240**



# MOUNTAIN AREA SAFETY TASKFORCE (MAST)

Formed in 2002, the Mountain Area Safety Taskforce (MAST) is a coalition of local, state and federal government agencies, private companies and volunteer organizations in San Bernardino County. MAST members include San Bernardino County Fire, U.S. Forest Service, the California Department of Forestry, Natural Resources Conservation Service, Southern California Edison, and CalTrans. MAST formed to provide a coordinated approach to managing the epidemic of dead and dying trees infested by bark beetles, which impacts local mountain communities. The bark-beetle invasion has killed hundreds of thousands of trees in our local forests, causing a severe fire hazard.



The situation is made worse by a six-year drought, which has resulted in too many trees competing for too little moisture, making the trees highly susceptible to bark-beetle attack.

MAST objectives include reducing fuel and creating fuel breaks. This means eliminating dead standing trees; reducing tightly packed ground vegetation, starting the reforestation process, and creating "defensible space" fire barriers around developed areas. MAST also aims to develop commercial use and disposal options for waste wood products, and to identify and develop plans to ensure long-term forest sustainability.



While maintaining fire safety on private land has always been the responsibility of property owners, the County and other MAST members have worked together over four years to remove over 1 million dead and dying trees, of which

more than 400,000 were standing on private property, thanks to a \$70 million grant from the U.S. Department of Agriculture's Natural Resources Conservation Service. In addition, several hundred dead and dying trees have been removed utilizing funding from other programs. Buffer zones have been created around communities to assist firefighters with saving lives and property. An aggressive public outreach campaign was initiated to help residents learn proper mitigation and fire prevention techniques. Crews have been hired to remove as much underbrush as possible and dispose of tree limbs and other similar combustible materials.



For more information about MAST, visit: [www.calmast.org](http://www.calmast.org).





# COMMUNITY INVOLVEMENT

At all fire stations and other facilities, the San Bernardino County Fire Department is an active participant in the communities it serves.

Through Community Emergency Rescue Teams and Fire Safe Councils, firefighters work closely with community volunteers to help communities help themselves in emergency situations and in fire prevention efforts. County Fire works closely with 11 Fire Safe Councils in the mountain communities of the San Bernardino and Angeles National Forests. Since 1993, the Fire Safe Councils have distributed fire prevention education materials, evaluated legislation pertaining to fire safety and empowered grassroots organizations to spearhead fire safety programs.



The department has perennial involvement with nonprofit organizations like the Make-a-Wish Foundation and the Candlelighters, the Childhood Cancer Foundation of the Inland Empire. Through the International Firefighters Association, Local 935, firefighters contribute to the National Multiple Sclerosis Society.

County Fire is also an active fundraiser for the Firefighters Quest for Burn Survivors, a non-profit organization managed by firefighters and civilian volunteers, which is dedicated to assisting persons affected by burn injuries. Funds raised are distributed to local burn centers and foundations, as well as to burn survivors and their families.



"Off duty" fire engines, ambulances and special purpose vehicles are popular displays at community fairs and events, and make colorful (and even loud) additions to parades.

Firefighters, hazardous materials specialists and other fire professionals often staff display booths at community events to distribute literature and talk to citizens about safety and health matters. Firefighters are frequent speakers for community groups interested in fire protection and safety, and often contribute to Career Day events for students at all grade levels.



When firefighters team up for community benefit, great things can happen. When Yucca Valley firefighters teamed up with the local Wal-Mart, they collected \$4,700 in toys for needy children last Christmas. Firefighters from many stations held "Fill the Boot" events that raised well over \$100,000 for the families of the five U.S. Forest Service firefighters who died in the Esperanza Fire last October.

In Southern California's "Spark of Love" toy drive, sponsored by the region's fire departments and KABC Channel 7, County Fire collected thousands of toys at all of its stations, and distributed them to needy families throughout San Bernardino County. County Fire family members, including four children and two employees, were featured on "Spark of Love" posters.

# FIRE LINGO

**ACCELERANT:** Any substance applied to fuel to expedite the burning process.

**ADVANCED LIFE SUPPORT (ALS):** The level of first-response medical care provided by paramedics, including first aid, clearing of airways, and administering emergency medications.

**AIR ATTACK:** The deployment of fixed-wing or rotary aircraft on a wildland fire, to drop retardant or extinguishing agents, shuttle and deploy crews and supplies, or perform aerial reconnaissance of the overall fire situation.

**AIR TANKER:** Fixed-wing aircraft certified by Federal Aviation Administration as being capable of transport and delivery of fire retardant solutions.

**ALL CLEAR:** An "all-clear" signal signifies that a search and rescue crew has searched a building or area and hasn't found any people trapped inside.

**AMBULATORY:** Patient able to walk.

**APPARATUS:** Any fire department vehicle that serves a function other than just transportation of people.

**Aircraft Rescue Fire Fighting (ARFF):** Firefighters who handle aircraft fires have special training in aircraft fire and rescue operations.

**ARSON FIRE:** A fire willfully ignited by anyone to burn, or spread to, vegetation or property without consent of the owner or the owner's agent.

**BACKFIRE:** A fire set along the inner edge of a fire line to consume the fuel in the path of a wildfire and/or change the direction of force of the fire's convection column.

**CARBON MONOXIDE:** A colorless, odorless, poisonous gas produced by incomplete fuel combustion.

**CARDIO-PULMONARY RESUSCITATION (CPR):** Chest compression and rescue breathing used to revive a patient.

**CLASS OF FIRE** (As to kind of fire for purpose of using proper extinguisher):

**Class A** - Fires involving ordinary combustible materials (such as wood, cloth, paper, rubber, and many plastics) requiring the heat absorbing (cooling) effects of water, water solutions, or the coating effects of certain dry chemicals, which retard combustion.

**Class B** - Fires involving flammable or combustible liquids, flammable gases, greases, and similar materials where extinguishment is most readily secured by excluding air (oxygen), inhibiting the release of combustible vapors, or interrupting the combustion chain reaction.

**Class C** - Fires involving live electrical equipment where safety to the operator requires the use of electrically non-conductive extinguishing agents.

**Class D** - Fires involving certain combustible metals (such as magnesium, titanium, zirconium, sodium, potassium, etc.) requiring a heat absorbing extinguishing medium not reactive with burning metals.

**CONTROL A FIRE:** To complete a control line around a fire, burn out any unburned area adjacent to the fire side of the control lines, and cool down all hot spots that are immediate threats to the control line, until the lines can reasonably be expected to hold under foreseeable conditions.

**CONVECTION:** The transfer of heat by the movement of a gas or liquid.

**DEAD FUELS:** Fuels with no living tissue in which moisture content is governed almost entirely by absorption or evaporation of atmospheric moisture (relative humidity and precipitation).

**DEFIBRILLATOR:** A device that shocks the heart muscle, stopping it momentarily in order to trigger a normal heartbeat.

**DIRECT PRESSURE:** Pressing directly on a bleeding artery to reduce blood loss.

**FIRE TRIANGLE:** Instructional aid in which the sides of a triangle are used to represent the three factors (oxygen, heat, fuel) necessary for combustion and flame production; removal of any of the three factors causes flame production to cease.

**FIREBREAK:** A natural or constructed barrier used to stop or check fires that may occur, or to provide a control line from which to work.

**HAND CREW:** Most often, a crew that clears fuel and debris to create a fire line designed to bring a wildland fire under control.

**HAZARDOUS MATERIAL (Haz-Mat):** A substance or material which has been determined by federal or state regulation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated.

**HEAVY FUELS:** Fuels of large diameter such as logs and large limbs, which ignite and are consumed more slowly than flash fuels, such as grass and dead leaves.

**INCIDENT COMMAND SYSTEM (ICS):** A standardized on-scene emergency management concept specifically designed to allow its users to adopt an integrated organizational structure equal to the complexity and demands of single or multiple incidents, without being hindered by jurisdictional boundaries.

**MUTUAL AID:** An agreement between jurisdictions for mutual assistance in the event of major emergencies.

**RETARDANT:** A substance or chemical agent that reduces the flammability of combustibles.

**Self-Contained Breathing Apparatus (SCBA):** The breathing apparatus firefighters wear, containing compressed air.

**STOKES:** A basket-like stretcher used in rescue situations where the non-ambulatory patient must be transported over rough terrain or up/down a cliff.

**VITAL SIGNS:** Pulse, blood pressure, respiratory rate, temperature and level of consciousness.

**WILDLAND URBAN INTERFACE:** The line, area, or zone where structures and other human development meet or intermingle with undeveloped wildland or vegetative fuels.

## IN LOVING MEMORY OF

### *Fire Explorer & Honorary Firefighter Oscar Medina*

September 17, 1986 - May 22, 2006



Explorer Oscar Medina passed away at the early age of 19 due to a brain tumor. Oscar had been an Explorer with San Bernardino County Fire in Fontana for four years. In November 2004, Oscar's tumor was diagnosed, but Oscar did not let his illness keep him from striving for his goal to become a Firefighter. He continued his work as an Explorer, learning and contributing to his community as often as possible. On Dec. 22, 2004, Oscar's wish came true when then Fire Chief Peter Hills made him an Honorary Firefighter.

### *U.S. Forest Service Engine 57 Crew*

October 26, 2006



Captain Mark Loutzenhiser  
Engineer Jason McKay  
Engineer Jess McLean  
Firefighter Pablo Cerda  
Firefighter Daniel Hoover-Najera

### *Mercy Air 2 Crew*

December 10, 2006



Pilot Paul LaTour  
Flight Paramedic Jerry Miller  
Flight Nurse Katrina Kish



a n n u a l r e p o r t 2 0 0 6



SAN BERNARDINO COUNTY  
FIRE DEPARTMENT  
157 West Fifth Street, 2nd Floor  
San Bernardino, California 92415

[www.sbcfire.org](http://www.sbcfire.org)