



ANNUAL REPORT

JULY 2017 – JUNE 2018

CEO MESSAGE



Keeping our neighborhoods safe and protecting the resources needed to carry out that mission are the County's most important tasks, and the men and women of County Fire are crucial partners in that effort. Chief Hartwig leads an organization that continues to make a positive mark on the growing number of communities that are choosing to depend upon County Fire for their fire protection and other emergency response needs. Working cooperatively with other County departments, County administration, the Board of Supervisors, our cities and towns, and other community stakeholders, County Fire actively pursues initiatives aimed at serving the public more effectively and efficiently. I look forward to continuing to work with Chief Hartwig and his dedicated team as we pursue our Countywide Vision.

Gary McBride

Chief Executive Officer

SAN BERNARDINO COUNTY BOARD OF SUPERVISORS



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COUNTY VISION STATEMENT

We envision a complete county that capitalizes on the diversity of its people, its geography, and its economy to create a broad range of choices for its residents in how they live, work, and play.

We envision a vibrant economy with a skilled workforce that attracts employers who seize the opportunities presented by the County's unique advantages and provide the jobs that create countywide prosperity.

We envision a sustainable system of high quality education, community health, public safety, housing, retail, recreation, arts and culture, and infrastructure, in which development complements our natural resources and environment.

We envision a model community which is governed in an open and ethical manner, where great ideas are replicated and brought to scale, and all sectors work collaboratively to reach shared goals.

From our valleys, across our mountains, and into our deserts, we envision a county that is a destination for visitors and a home for anyone seeking a sense of community and the best life has to offer.

OUR **MOTTOS**

MISSION STATEMENT

The San Bernardino County Fire Protection District is a community-based, all hazard emergency services provider. We are dedicated to the protection of the public we serve, organizational sustainability, performance excellence, and safety. We accomplish this through a balance of regionalized services delivery and accountability to our local communities.

COMMITMENTS

SERVICE MOTTO

Duty. Honor. Community.

VALUES

INTEGRITY

Doing what is right when no one is watching

PROFESSIONALISM

Courage and dedication

SERVICE

Service above self

VISION

Be nationally recognized as a premiere fire services organization.





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Follow us on Twitter: [@SBCountyFire](#)

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Photo contributions by SBCoFire photographers
Ben Wurzell & Brandon Barsugli unless otherwise noted.

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YOUR **FIRE CHIEF**

The men and women of the San Bernardino County Fire Protection District are proud to serve you. . . over 1 million of you. The County Fire District serves about half of the 2.4 million residents of this great county. San Bernardino County is the twelfth most populous county in the nation and the largest county in the United States by land mass encompassing over 20,000 square miles. The County Fire District includes over 19,000 square miles.

This past year, the members of the County Fire District took the opportunity to review our mission statement and values. These serve as the foundation for all that we do and our compass as we move forward. A select group of men and women from different disciplines within the District recommended minor changes and then challenged the rest of us to re-dedicate ourselves to new revised mission and values. At the heart of our Mission is accountability to our local communities. In 2008, the Local Agency Formation Commission brought 32 separate Board-Governed Fire Districts together into what we know today as the San Bernardino County Fire Protection District. The separate districts' ability to pool their respective resource and achieve an economy of scale and "purchasing power" has proven invaluable over the past 10 years. However, one of our biggest challenges and consistent points of focus, is to treat each and every call for service in every community each day as if it were our own family member receiving assistance. Essentially achieving the economic advantages of a regional service delivery model and at the same time, serving you as your small-town fire department. We at County Fire view "community" as a value and not merely a location. Community means commitment, service, and dedication. We define Community as being a neighbor and participating in the overall wellbeing of the neighborhood. Sustainability is also a value that we pursue as a matter of doing business as your fire service provider. We regularly analyze and enhance our ability to provide premier services 5, 10, and 20 years into the future with as much effort as we spend looking at serving you today and tomorrow.

We don't take the honor of serving you lightly. We know that when you need us, it is likely one of the worst days of your life. We hope that you never have to call on us, but rest assured, we stand at the ready if you do. The men and women of County Fire are ready, willing, and able.

Yours in Service,

Mark A. Hartwig

Fire Chief/Fire Warden

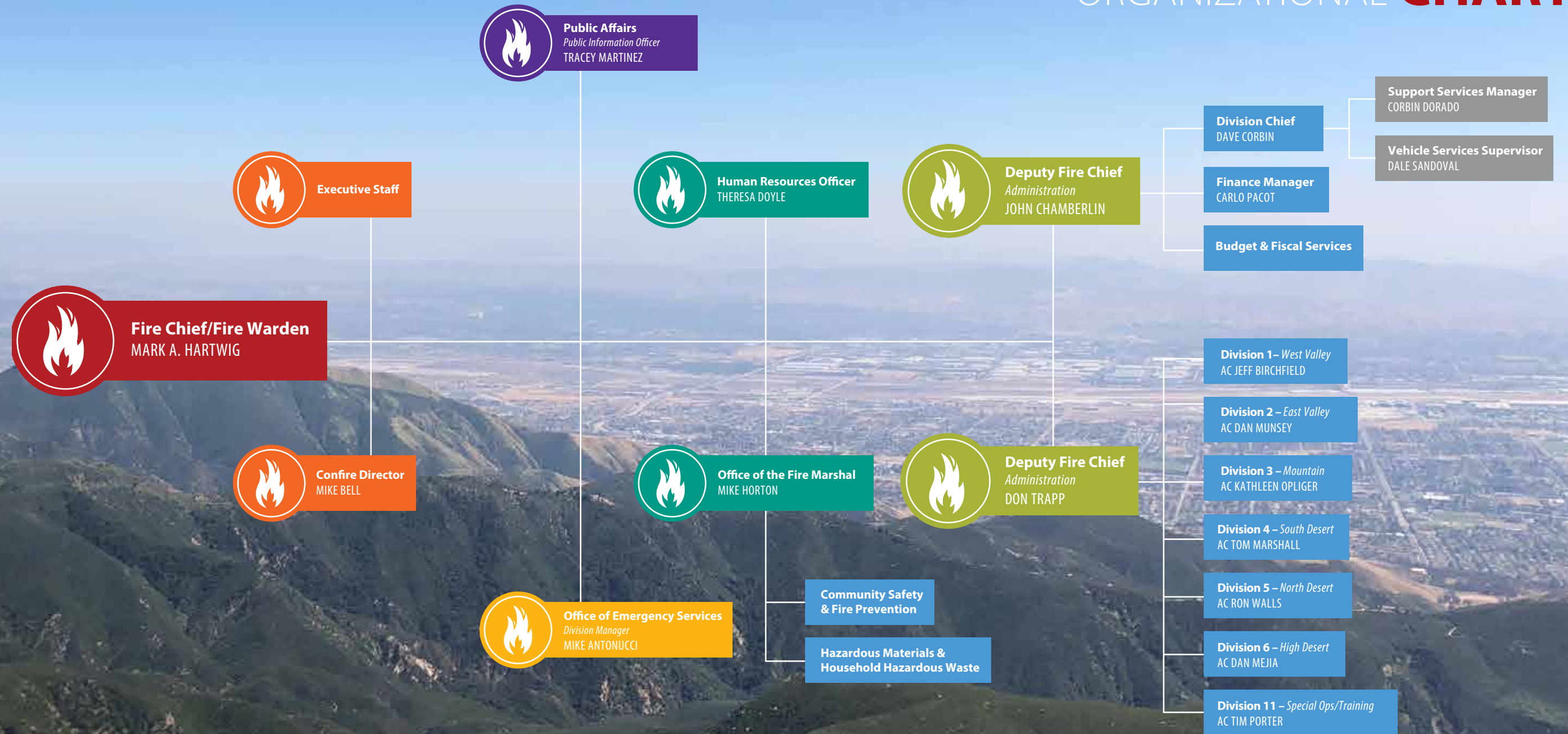


“ We at County Fire view ‘community’ as a value and not merely a location. ”

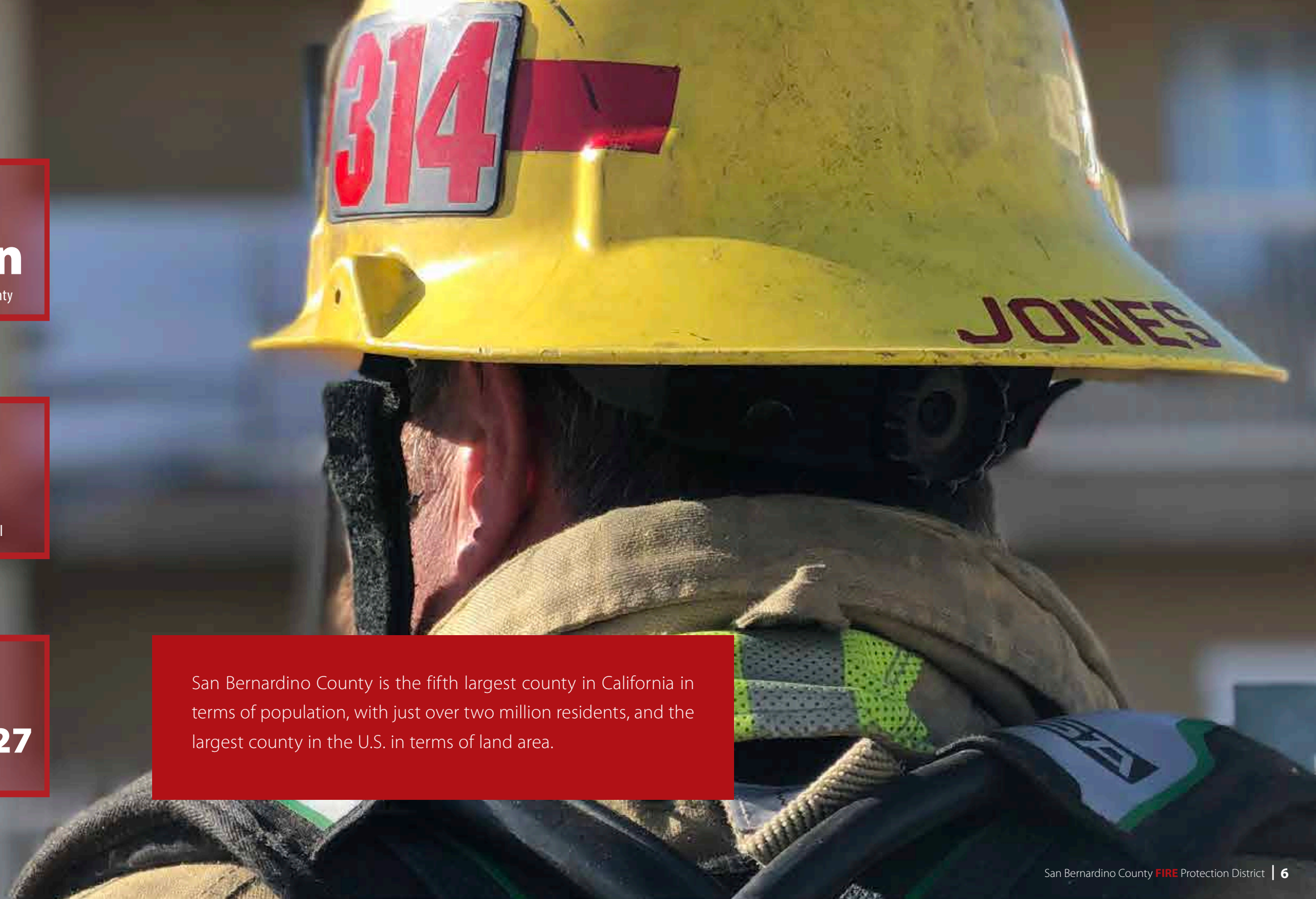
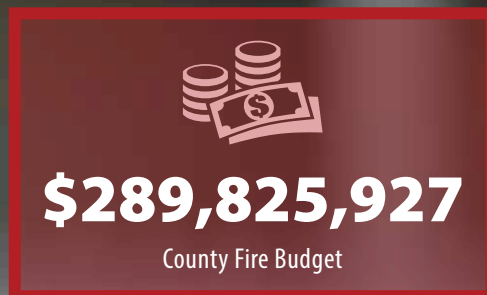
COMMUNITIES SERVED

- | | | |
|-----------------------|-----------------------|--------------------------|
| City of Adelanto | Harvard | Red Mountain |
| Amboy | Havasu Landing | |
| Angelus Oaks | Helendale | |
| | City of Hesperia | San Antonio Heights |
| Baker | Hinkley | City of San Bernardino |
| Baldy Mesa | | Searles Valley/Trona |
| Barton Flats | Johnson Valley | Silver Lakes |
| Big River | Joshua Tree | Sky Forest |
| Black Meadow Landing | | Spring Valley Lake |
| Bloomington | Lake Arrowhead | Summit Valley |
| Blue Jay | Lake Gregory | City of Twentynine Palms |
| | Landers | Twin Peaks |
| Cedar Glen | Lucerne Valley | |
| Crest Park | Ludlow | City of Upland |
| Crestline | Lytle Creek | City of Victorville |
| | | |
| Deer Lodge Park | Mentone | Windy Acres |
| Devore | Mount Baldy | Wonder Valley |
| | Mountain Home Village | Wrightwood |
| Earp | Mountain Pass | |
| El Mirage | Mountain View Acres | Town of Yucca Valley |
| | Muscoy | |
| Fawnskin | | |
| Flamingo Heights | City of Needles | |
| | | |
| City of Fontana | Oak Hills | |
| Forest Falls | Oro Grande | |
| | | |
| City of Grand Terrace | Panorama Heights | |
| Green Valley Lake | Park Moabi | |
| | Phelan | |
| | Pinon Hills | |
| | Pioneertown | |

ORGANIZATIONAL CHART



AT A **GLANCE**



San Bernardino County is the fifth largest county in California in terms of population, with just over two million residents, and the largest county in the U.S. in terms of land area.





PERSONNEL & EQUIPMENT

POSITION	SBCoFire
Fire Chief	1
Deputy Chief	2
Assistant Chief	7
Fire Marshal	1
Deputy Fire Marshal	2
Division Chief	1
Battalion Chief	25
Captain	180
Engineer	177
Firefighter	253
*Paid-Call Firefighter	32
Suppression Total	681
Professional Staff	275
Fire Suppression Aide	12
Ambulance Operator	84
PERSONNEL TOTAL	1,052

*Paid-Call Firefighters fluctuate throughout the year.

EQUIPMENT	SBCoFire
Airport Rescue Units	6
Ambulances	38
Boats	4
Brush Engines (Type 3)	27
Brush Patrols (Type 6)	31
Command Posts	5
Communication Support Vehicles	1
Crew Carriers	9
Dozers	2
Fire Engines (Type 1 & Type 2)	97
Foam Units	1
Hazardous Materials Rigs	4
Hazardous Materials Squads	8
Ladder Trucks	9
Loaders	13
Rescues	8
Snow Cats	10
Squads	13
Tiller Trucks	6
Waters Tenders	23

CALLS FOR SERVICE

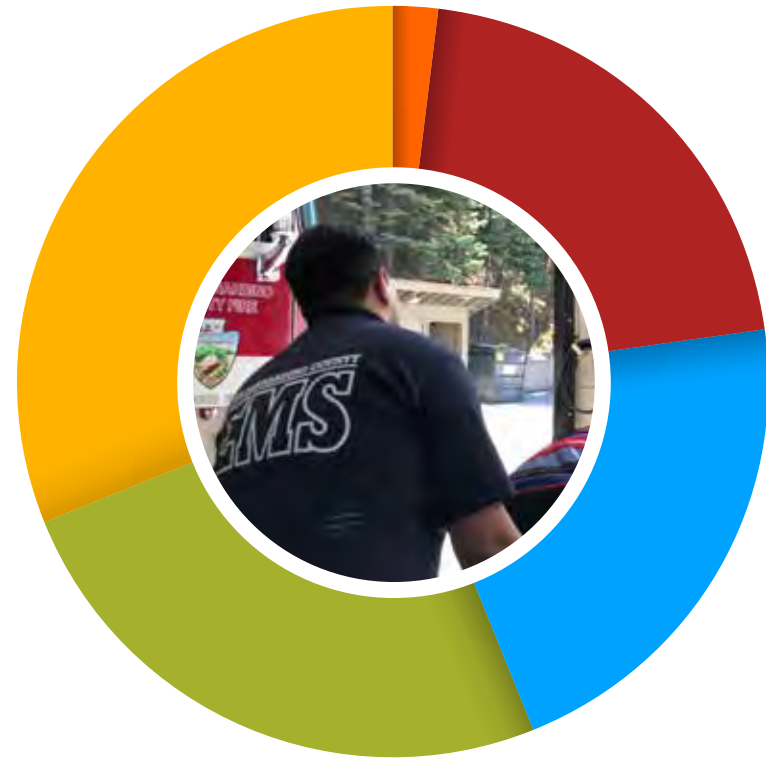
INCIDENT TYPE	DIVISION 1 West Valley		DIVISION 2 East Valley		DIVISION 3 Mountain		DIVISION 4 South Desert		DIVISION 5 High Desert		DIVISION 6 North Desert		TOTALS	TOTALS
	FY 16/17	FY 17/18	FY 16/17	FY 17/18	FY 16/17	FY 17/18	FY 16/17	FY 17/18	FY 16/17	FY 17/18	FY 16/17	FY 17/18	FY 16/17	FY 17/18
Structure Fire	269	345	627	558	59	30	153	146	175	199	333	308	1,616	1,586
Vegetation Fire	169	248	682	679	55	46	63	111	156	183	302	342	1,427	1,609
Vehicle Fire	227	319	357	417	50	46	96	113	222	232	320	298	1,272	1,425
Other Fire*	308	410	886	1,075	89	110	212	249	294	347	457	504	2,246	2,695
Fire Investigation/Fire Alarm	1,391	2,068	2,472	2,443	667	651	625	674	1,043	1,138	1,710	1,852	7,908	8,826
Hazardous Material**	395	606	487	539	175	91	98	98	238	165	197	180	1,590	1,679
Medical Response	16,643	22,714	33,059	33,383	3,063	3,114	8,751	9,320	12,224	12,535	24,131	24,053	97,871	105,119
Public Service	463	963	847	1,201	182	158	324	426	399	506	601	809	2,816	4,063
Rescue	45	46	60	51	29	28	14	9	23	21	22	20	193	175
Traffic Collision	1,991	2,672	3,541	3,547	352	278	645	673	1,566	1,366	2,269	2,148	10,364	10,684
Traffic Collision with Extrication	100	136	170	190	22	24	62	43	121	106	156	187	631	686
FISCAL YEAR TOTAL	22,001	30,527	43,188	44,083	4,743	4,576	11,043	11,862	16,461	16,798	30,498	30,701	127,934	138,547
% Increase	-	27.93%	-	2.03%	-	3.65%	-	6.90%	-	2.01%	-	0.66%	-	7.67%

*Other Fires include rubbish fires, chimney fires, cooking fires, outside storage fires

**Haz-Mat incidents include explosions, fireworks, hazardous materials such as chemical, biological, and electrical hazards with no fire involved

^Division 1 calls increased due to the annexation of the Upland Fire Department on July 1, 2017

STATISTICS



MEDICAL AID CALLS

The Medical Priority Dispatch System is used to dispatch appropriate aid to medical emergencies.

ALPHA – 35%
Non-Life Threatening – *Basic Life Support*

DELTA – 26%
Serious Life Threat – *Advanced Life Support*

BRAVO – 17%
Possibly Life-Threatening – *Basic Life Support*

ECHO – 1%
Imminent Life Threat – *Closest Available*

CHARLIE – 21%
Life-Threatening – *Advanced Life Support*

HAND CREW PROGRAM

SBCoFire is proud to have Old Cajon Crew 6-1, a professional hand crew that is available to respond to emergencies 24 hours a day, seven days a week. In addition to their year round availability, Old Cajon Crew 6-1 is augmented by seasonal hand crew members nine months out of the year for a total of 30 members.



INMATE HAND CREW PROGRAM

SBCoFire in partnership with SBCoSheriff operates the County's Inmate Hand Crew Program. The inmate fire crew's main objective is to respond to fire suppression incidents, as well as other types of emergency operations such as sandbagging. The crews conduct overhaul and mop up operations, relieving firefighters and medic engines to return back to service. The crews also assist with local fuels reduction programs and chipping operations; assisting other county departments in meeting their mission in a cost effective manner.





COMMUNITY SAFETY DIVISION

DESCRIPTION OF SERVICES	COUNTY AREAS	CITY OF FONTANA	CITY OF HESPERIA	CITY OF SAN BERNARDINO	CITY OF UPLAND	CITY OF VICTORVILLE	TOTALS
Investigations							
Plan Reviews							
Planning Inspections							
Special Events							
Annual Inspections							

HAZARDOUS MATERIAL DIVISION

HAZARDOUS MATERIALS – REGULATION, RESPONSE, REQUEST FOR INFORMATION, CUPA	FY 16/17	FY 17/18	% Increase
Regulated Facilities			
Facility Inspections			
Non-Emergency Calls			
Haz-Mat Team Responses			
Underground Storage Tank Facilities			
Underground Storage Tank Systems			
Request for Records & Certified Records Research			

HOUSEHOLD HAZARDOUS WASTE & SMALL BUSINESS

Pounds of Hazardous Waste Managed	3,681,178	3,701,121	0.54%
Residents Served	56,222	61,915	10%
Businesses Served	233	261	12%



Financing Sources

County Fire MOU – 9%	\$25,812,033
Taxes – 27%	\$78,957,593
Other Governmental & Grants – 4%	\$10,652,903
Fees & Service Charges – 34%	\$97,268,288
Other Revenue – 2%	\$7,309,814
Fund Balance – 18%	\$52,218,771
Reserve Transfer In – 6%	\$17,606,525
TOTAL	\$289,825,927



Expenditures

Salaries & Benefits – 54%	\$154,810,545
Operations – 16%	\$47,287,241
Fixed Assets – 3%	\$8,874,374
Other Requirements – 16%	\$47,478,918
Contingencies – 11%	\$31,374,849
TOTAL	\$289,825,927

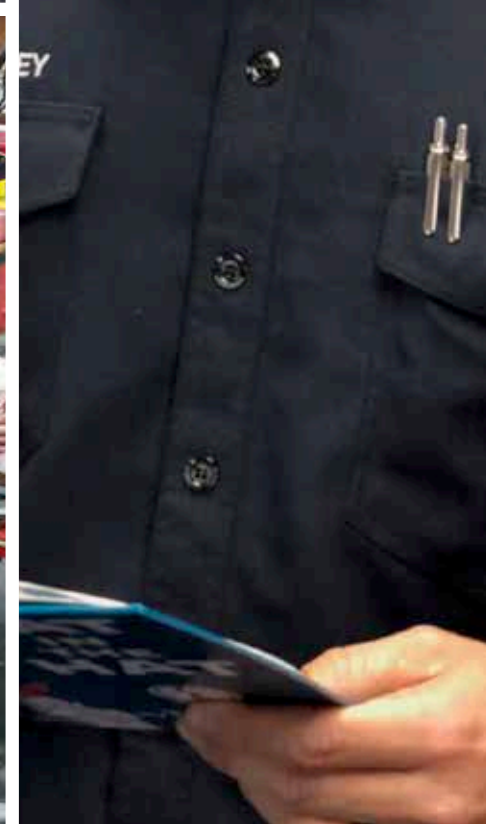
Capital Set-Asides

Capital Replacement	\$8,413,061
Termination Benefits	\$6,532,638
TOTAL	\$14,945,699

REVENUE & EXPENDITURES

FY 17/18





SERVING OUR COMMUNITIES

San Bernardino County Fire is honored to serve our residents by staying active in our communities. We have the unique privilege to give back to the communities that we serve in accordance with our service motto - Duty. Honor. Community.

We are proud to participate in various fundraisers, blood drives, toy drives, disease research, burn victim charities, and other various charity events throughout the year; including:

The Spark of Love Toy Drive which has successfully collected more than ten million toys and sports equipment for underserved children and teens in Southern California.

Fill-The Boot which raises money for many disease research organizations, including raising tens of thousands for the Muscular Dystrophy Association this year.

The Make-A-Wish Foundation which seeks to grant the wish of every child diagnosed with a critical illness.

Read Across America which benefits from San Bernardino County's Vision2Read campaign. Vision2Read helps focus attention on the importance of reading, highlights literacy-related programs and services throughout the county and connects people to available literacy resources and/or volunteer opportunities.

National Night Out is an annual community-building campaign that promotes public safety partnerships and neighborhood camaraderie to make our neighborhoods safer, more caring places to live. The event brings public safety and neighbors together under positive circumstances.

San Bernardino County's Vision2BActive campaign which encourages residents to increase their physical activity and connects them to existing recreational programs, amenities and activities in their communities.

We are your local fire department. It is our honor to do what we can to support the citizens of our communities.



GRANTS

HOMELAND SECURITY PROGRAM

The San Bernardino County Fire, Office of Emergency Services (OES) manages the Homeland Security Grant Program (HSGP) for the San Bernardino County Operational Area (OA). Through coordination with the Approval Authority, the grant award is allocated among local jurisdictions, law enforcement and fire agencies and other local agencies. To meet the objectives and strategies of HSGP, funding is allocated for projects in the following objectives: planning, organization, equipment, training, exercise and management and administration.

The 2017 HSGP award for the entire OA was \$2,233,572. HSGP funds must focus on building, sustaining and delivering the 32 core capabilities essential to achieving the National Preparedness Goal of a secure and resilient Nation. Jurisdictions used their HSGP allocations to purchase and install blast resistant barriers for public buildings, automated license plate readers, personal protective equipment for first responders to use during active shooter incidents, body worn cameras, thermal imaging cameras to improve decision making, and equipment to outfit and upgrade EOCs. OES continues the enhancement of the San Bernardino County CERT program through CERT equipment (backpacks, hardhats and vests). With these grant funds, OES is developing a repatriation plan as well as procedures to deal with a long term power outage.

EMERGENCY MANAGEMENT PROGRAM GRANT

The 2017 Emergency Management Performance Grant allocation of \$564,056 was used to enhance emergency management preparedness throughout the County. The purpose of this grant is to assist local agencies in preparing for all hazards and the protection of life and property during emergency events. These grant funds were used for the purchase of emergency equipment, the enhancement of Emergency Operation Centers and training and planning for emergency situations. Funds were also used to conduct a CERT (Community Emergency Response Team) exercise and for CERT equipment and training.

ASSISTANCE TO FIREFIGHTERS GRANT

The Assistance to Firefighters Grant (AFG), offered through FEMA has granted SBCoFD \$304,348. These funds were used to purchase a portable Class B fire simulator. This mobile fire simulator will allow SBCoFD training officers to travel to remote areas within the 19,000 plus square mile service area to provide training for volunteers/career firefighters who do not have access to such resources or are typically not able to travel up to 4 hours to utilize the department's training equipment. The remaining cost for the mobile fire simulator was funded through a department appropriation savings.

URBAN AREAS SECURITY INITIATIVE GRANT PROGRAM (UASI)

The Urban Area Security Initiative (UASI) Grant Program allocation of \$177,000 was used by the Office of Emergency Services to complete two critical projects.

Upland Mobile Command Unit: a project to upgrade technology, communications and incident management. This project will enhance the department's ability to communicate with multiple agencies on a major incident and ensure multi-agency coordination. The upgrades are projected to be completed 1st quarter 2019.

EOC/Dispatch Facility Upgrades: a project to upgrade facility lighting and security. This project will repair and upgrade old lighting systems to new green LED lights, improve facility access and enhance security. The upgrades are projected to be completed 4th quarter 2018.

FIRE SAFE COUNCIL GRANT

The California Fire Safe Council (CFSC) has granted SBCoFD a \$32,375 award for the San Bernardino County Community Wildfire Protection Plan (CWPP) Development Program Project. The San Bernardino Mountain Communities have been established as a high-risk area for catastrophic wildfires. These communities are the most populated Wildland Urban Interface areas within the Continental United States with a residential population of over 100,000 people. It is also the most visited forest in the U.S. with tourism being the primary industry. This grant will allow County Fire to develop a countywide CWPP that will address the following areas: creating defensible space; reducing the risk of rapid fire spread through mitigation practices; maintaining the goals of the healthy forest initiative in order to save lives, protect property, reduce the risk of wildfire damage and decrease firefighting costs. The CWPP will help identify and clarify priorities for the protection of life, property, and critical infrastructure in the Wildland Urban Interface areas.



MOVING FORWARD

UPLAND FIRE JOINS SBCOFD

On July 22, 2017, SBCoFD assumed fire protection, rescue and emergency medical service responsibilities in the City of Upland and welcomed 46 new employees into the County Fire family from the Upland Fire Department. The transfer of command finalized the city's annexation into the San Bernardino County Fire Protection District, estimated to save the city \$2 million annually while filling 5 previously vacant positions. SBCoFD staffs 3 city stations and 1 County station (San Antonio Heights) with full-time personnel to cover the over 15 square mile service area and its 76,000 residents.

COUNTY FIRE AIRSHIP

H-325 comes to County Fire as part of the Upland Fire annexation. H-325 is staffed with five SBCoFD flight nurses, three SBCoFD flight paramedics, and responds from the Southern California Logistics Airport (SCLA) in Victorville. SBCoFD and REACH helicopter services enjoy a partnership that benefits those who are in need of emergency care and transport to a trauma center or other specialty care facility throughout Southern California. H-325's call load has increased since being moved to SCLA from Upland; responding to emergency calls throughout the county, including remote areas and highways. In addition to quickly being able to respond to emergency incidents, H-325 is also involved in public education programs throughout the county.

EMERGENCY MANAGEMENT RETURNS TO CITY OF UPLAND

As a part of last year's annexation of the Upland Fire Department, San Bernardino County Fire, Office of Emergency Services (OES) provides a dedicated Emergency Services Officer (ESO) to provide

Emergency Management services to the City of Upland. In the past year, the assigned ESO has updated the City's Emergency Operations Plan, coordinated the ongoing revitalization of the city's Emergency Operations Center (EOC), provided EOC training to city employees and launched ReadyUpland, the city's disaster preparedness campaign for those who live and work in the city. This is the first time OES has utilized this model in the county which strives to fulfill the vision of "a ready Upland for all."

NEW HEADQUARTERS IN FONTANA

Fontana Mayor Acquanetta Warren and other dignitaries were on hand November 6, 2017 to commemorate the relocation of the SBCoFD Division 1 (West Valley Division) Headquarters to the Fontana Civic Center Campus. Chief Mark Hartwig and Assistant Chief Jeff Birchfield helped celebrate the event with a ribbon-cutting ceremony and open house. Division 1 serves Fontana, Bloomington, Upland, San Antonio Heights, Lytle Creek and other various areas of San Bernardino County. The new location will act as a centralized location to serve the public, conduct regular planning meetings and house fire administration and support staff for this division.

FIRE/SHERIFF AIRSHIP PROGRAM AN INVALUABLE ASSET

San Bernardino County Air Rescue is an all-risk mission program jointly staffed Monday-Thursday by County Fire and the San Bernardino County Sheriff. Providing aerial fire suppression, medical transport, technical rescue, law enforcement, and command and control capabilities to the urban as well as remote areas of our county, this program continues to grow and provide vital services to the often hard to reach areas throughout San Bernardino. Since inception in 2013, this program has flourished; with countless rescues, fire suppression missions and lifesaving responses.



SERVICE ZONE FP-5 EXPANSION

On June 12, 2018, the SBCoFD Board of Directors passed a resolution to expand the boundaries of Service Zone FP 5 to include all territories within the jurisdiction of the District that are not currently included. Currently, the areas of Helendale, San Antonio Heights, and the cities of San Bernardino, Needles, Twenty Nine Palms, and Upland are part of FP 5. The extension of the boundaries of FP 5 will result in needed revenue to maintain current fire protection and emergency medical services within the District territories. The Fire Protection Board of Directors and the Fire Chief believe that expanding Service Zone FP 5 is the best way to fill a \$29 million budget shortfall, while maintaining existing fire and EMS service levels; as property tax revenues are insufficient to cover these costs.

At the request of the Fire Chief, a protest period was established to give citizens an opportunity to voice their opinion. As part of a transparent County, an extensive informational website page was developed and numerous community meetings will be held throughout the County informing property owners about FP 5.

CHIEF HARTWIG SERVES AS PRESIDENT OF CALCHIEFS

Upon being voted in by its membership in September 2017, Fire Chief Mark Hartwig was elected to serve as the President of the California Fire Chiefs Association (CalChiefs). CalChiefs is a large and diverse professional association whose vision is to be the voice of the California Fire Service. Its primary mission is to strengthen and advocate for the California Fire Service through leadership, unity, and collaboration. Fire chiefs comprise the parent body of the Association, with its membership from the more than 800 fire agencies operating within California. CalChiefs expertise and depth of knowledge and resources affords the organization's ability to actively engage in legislation that affects service delivery throughout our great state, as well as be actively involved in national issues.



MISSION & COMMITMENT STATEMENTS REVISED

In March 2018, SBCoFD updated the department's Mission & Commitment Statements to better reflect who we are, where we are headed, and which standards we will live by in pursuit of our Vision. Our mission is to be a community-based, all hazard emergency services provider. We are dedicated to the protection of the public we serve, organizational sustainability, performance excellence, and safety. We accomplish this through a balance of regionalized services delivery and accountability to our local communities.

Our commitment to our communities is to perform our work in accordance with our service motto: Duty. Honor. Community. We commit to performing our service according to our values: Integrity: We will do what is right when no one is watching; Compassion: We will be kind, patient, and use comprehensive care above all else; Professionalism: We will serve you with the utmost courage and dedication; Service: We will put service to you above ourselves. These adopted Mission & Commitments statements serve as our roadmap for being nationally recognized as a premier fire services organization.

TOWER IX GRADUATES

On April 26, 2018, the 34 men and women of SBCoFD's Tower IX received their badges and started their careers as sworn, professional firefighter/paramedics. Tower IX spent 16 weeks training in firefighting, rescue, and emergency medical services which began preparing them for the challenge ahead. Their hard work, dedication, and sacrifices will be felt in this great county for years to come.

SAN MANUEL & SBCOFIRE PARTNER FOR COMMUNITY SAFETY

In May 2018, the San Manuel Band of Mission Indians agreed to donate a total of \$7 million effective July 1, 2018, to provide

a reciprocal exchange of fire, rescue, and emergency medical services from the SBCoFD over a 10-year period. As part of the agreement, the SBCoFD will provide equipment, aerial truck response, fuel reduction, and joint training opportunities to the San Manuel Band of Mission Indians. Funding will provide for two new replacement stations in the City of San Bernardino and will allow the district to avoid budgeting the millions of dollars that are required for the significant modifications that these stations need to ensure the safety of our firefighters.

NEW FIRE BOATS IN LAKE ARROWHEAD & ALONG THE COLORADO RIVER

Station 32 in Needles patrols the waters of the Colorado River near the Arizona and California border. In August 2017, firefighters took delivery of a new state-of-the-art 28' fireboat (BT-32). Although fully equipped to fight fires, the boat does much more. Using many high-tech features including sonar, GPS, a FLIR (forward looking infrared) camera system, moving maps, and radar, the boat can be used for water rescues, victim searches, and other emergency activities associated with large bodies of water. A cutting edge technological feature onboard BT-32 is a virtual anchor system called "Sky Hook". The "Sky Hook" works with the boat's GPS, onboard computer systems and motors to hold a given position in the water automatically even in high winds, flowing bodies of water, such as the Colorado River, or while flowing water through the boat's 1500 gallon-per-minute fire fighting deck gun.

In May 2018, another nearly identical boat (BT-92), was placed in-service in Lake Arrowhead. BT-92 can flow 1500 gallons of water per minute and serves not only water-based emergencies but also as a floating hydrant and water source for land-based operations. This vessel provides critical firefighting operations to the dynamic and challenging access of beach front homes on Lake Arrowhead.



COUNTY FIRE DONATES TWO FIRE ENGINES TO MEXICO

For the third time, the SBCoFD worked in conjunction with the Fontana Rotary Club to donate two surplus fire engines to cities in Baja California that are in need of upgraded fire equipment. On April 24, 2018, County Fire was able to donate the surplus equipment at the request of the San Felipe and Mexicali fire departments. The surplus engines came into County Fire inventory as a result of the annexations of Crest Forest and San Bernardino in previous years. While the engines do not meet the criteria to remain in service in San Bernardino County, they are capable of assisting in cities that have insufficient inventory on hand to deal with emergency situations. SBCoFD takes great pride in trying to help other fire agencies, even those out of the country.

D-RISC SEEKS FUNDING

Fire chiefs and firefighters – representing tens of thousands of firefighters from every corner of California – joined local elected officials, community leaders and lawmakers in May 2018 to call on the Legislature and Governor to increase funding in support of the Disaster Readiness for Safer Communities (D RISC) mission.

Local and state fire agencies formed D RISC to support their plan to strengthen and modernize our Mutual Aid System into a proactive system that can fight fires and other disasters in the first hour by pre positioning firefighters and equipment where high risks are predicted.

SBCOFD EMBRACES DRONE TECHNOLOGY

Acknowledging the value of drones and their capabilities in increasing safety in emergency situations and operational proficiency, County Fire has embraced such technology and invested in a drone program. Several drones have been placed in fire stations throughout the County and an extensive training program has been enacted.

Drone technology is proving to be extremely valuable in aiding firefighter's ability to stop both wildfires and structure fires. Drones provide real time intelligence to the incident commander in emergency situations. In a wildfire, drones can alleviate the stress on air intelligence, as a single pilot can keep watch over the immediate behavior of the fire. This information allows the incident commander to make informed decisions for both air and ground tactical planning. The drone program operates at a fraction of the cost of helicopters and other aircraft. The drones assist in ensuring that County Fire maximizes the efforts of more expensive air operations.

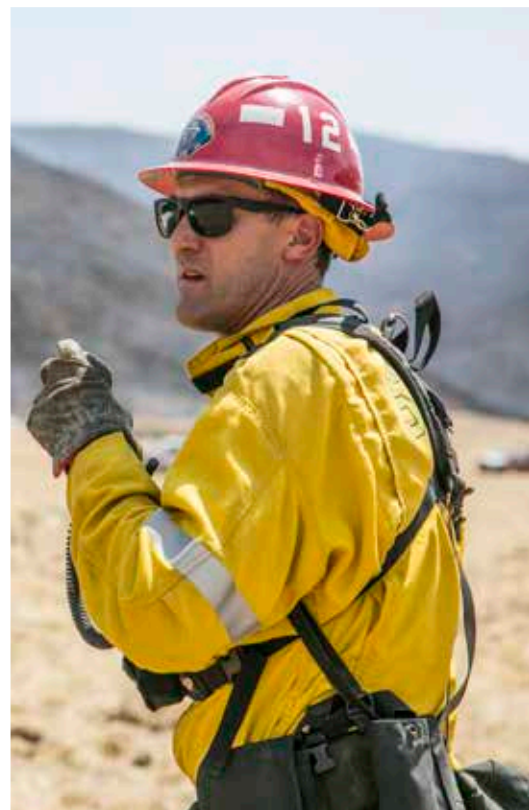
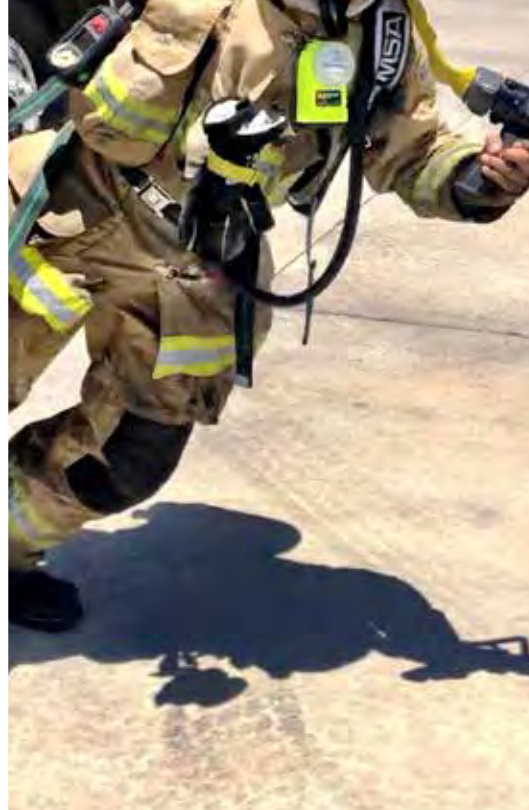
GRANT FUNDS IPADS

In November 2017, County Fire received 100% grant funded iPads that support upgrading our field delivery of patient care. SBCoFire received \$46,000 through a grant by ICEMA from the State of California, Emergency Medical Services Authority, to purchase the iPads. Many of these 95 iPads are in service on SBCoFD vehicles that run Image Trend, an electronic patient care reporting system.

MODERN FIRE BEHAVIOR PROGRAM ENACTED

This past year, the SBCoFD Training Division rolled out the first phase of the Modern Fire Behavior Program to all suppression personnel. The program was developed by the nationally recognized National Institute of Standards and Technology. The Institute conducted a 12 year study on fire dynamics and fire behavior involving modern synthetic fuels that are commonly found in today's structures. The 12 member training cadre participated in extensive training from experts in the field that worked on the NIST study. In addition, some of the cadre members for the last year shadowed instructors from the Los Angeles County Fire Department, who have been successful in implementing new fire ground concepts within their department.







ILLEGAL FIREWORKS CONFISCATED

Fire Investigators confiscated nearly 31,000 pounds of dangerous and illegal fireworks through weeks of interdiction operations conducted by a multi agency task force led by SBCoFD's Fire Investigations Unit. County Fire Investigators issued 121 citations totaling \$151,250 in fines for possession of illegal fireworks.

The multi agency task force includes representatives from San Bernardino County Fire's Office of the Fire Marshal, Chino Hills, Loma Linda, and Rancho Cucamonga Fire Departments. Investigators also teamed up with San Bernardino County Sheriff's Arson/Bomb Squad to utilize K9s trained to sniff out explosives. Once seized, the illegal fireworks are picked up by the State Fire Marshal's office and are safely destroyed.

OFM LAUNCHES PHASE 1 & 2 OF ACELA PERMIT SYSTEM

On July 31, 2017 the Office of the Fire Marshal, along with several other county departments, went live with an enterprise data management and permitting system, coined E Z Online Permitting or "EZOP." This was the long anticipated first phase of a 4 year, multi million dollar project, steered by the County's Chief Administrative Office and County Information Services Department. Using the Accela Automation software as a platform, the system will enable the OFM to track plan check, permitting, and inspection activities, report performance trends and statistics to management staff, and leverage mobile technology. In addition, the system will save time and paper in carrying out regular day to day duties. All of this has resulted in a more efficient, faster, and more professional business process for the OFM. Phase II of the project was coordinated and implemented internally within the OFM on July 1, 2018 and involved more permitting modules to serve the cities annexed by the County Fire District. Future phases will be rolled out as County Fire teams up once again with County Land Use Services and other departments and integrates more types of permits and inspections into EZOP, which should occur starting summer 2019.

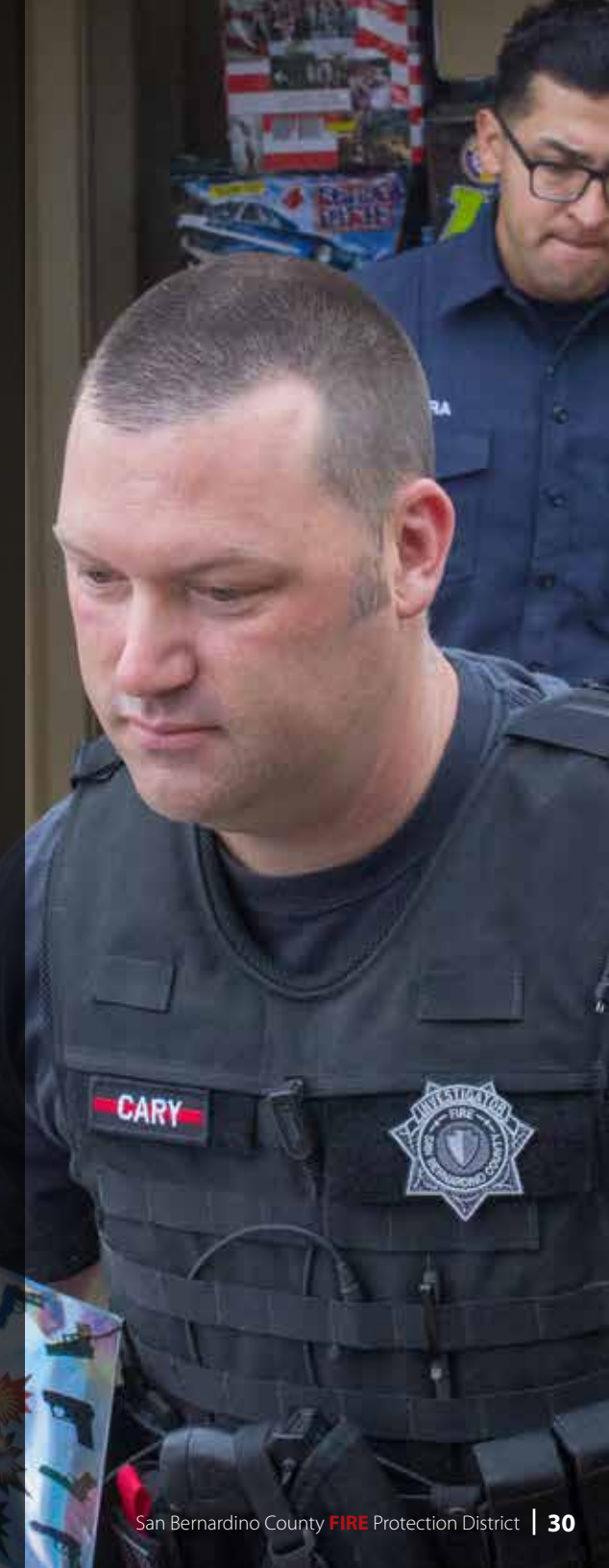
CUPA EXCEEDS STANDARDS

The OFM Hazardous Materials Division of the department is designated by the State Secretary for Environmental Protection as the Certified Unified Program Agency or "CUPA" for the County of San Bernardino in order to focus the management of specific environmental programs at the local government level. The CUPA program is designed to consolidate, coordinate, and uniformly and consistently administer permits, inspection activities, and enforcement activities throughout the County.

In 2017 18, the County CUPA corrected all deficiencies from the previous state evaluation and for the first time in the history of the CUPA, a new evaluation period began with zero carryover deficiency. They also met the inspection mandate for Unified Program facilities for the second time in its history. In addition, CUPA staff assisted numerous small businesses in submitting their annual required business contingency plans electronically into the state's data base.

MULTIPLE ARSONISTS ARRESTED

Through the diligent work of the Fire Investigators with the SBCoFD Office of the Fire Marshal, the department was able to remove multiple arsonists from the streets of our county. These arsonists were arrested and charged with igniting many fires over the past few years, including both wildland and structure fires in and around San Bernardino City & Mountains, Devore, and Highland. One of these arsonists was responsible for starting eleven fires near Glen Helen Regional Park. Another man was responsible for starting the Mart Fire which burned near Highland.





FIRE CORPS PROGRAM

The 2017-2018 year was a busy one for the members of County Fire Office of Emergency Services Fire Corps Program. Comprised of the Emergency Communications Service (ECS), Community Emergency Response Team (CERT), Disaster Corps, and the new Emergency Services Support program, members contributed thousands of hours of training and exercises, public outreach and education, as well as responding to emergencies.

The CERT program completed a re-credentialing of its membership as it prepares for new growth and development with expanded training to support County Fire operations. CERT members have been busy training to provide non-medical firefighter rehabilitation, improved communications skills, shelter operations support and flood response training plus many other mission critical skills.

ECS members have been busy developing enhanced communications capabilities and training courses, implementing and deploying interoperability technology enhancements, and working to support the Command Post Working Group.

Fire Corps members dedicated their time supporting planned events such as the Baker to Vegas Relay Race and the King of the Hammer's off-road race staffing command posts, providing field technical support and communications. Fire Corps instructors have provided numerous trainings for the AHA Heartsaver CPR/AED/First Aid, DHS "Stop the Bleed" and HAZMAT First Responder Awareness Level.

The professional volunteers of the Fire Corps program stand trained and ready to answer the call for the citizens of San Bernardino County.

SB SAFE EMPLOYEE ALERT SYSTEM

The Office of Emergency Services launched the SB Safe Employee Alert System. The system sends text messages and/or emails to County employees in the event of an emergency that potentially threatens the health and safety of county employees. This Alert System will be used only to share emergency information and directions such as the need to shelter in place or evacuate, where to go for safety, how to get additional emergency information, as well as the details on County offices closing in response to an emergency.

SIGNAL FOR SAFETY PROGRAM

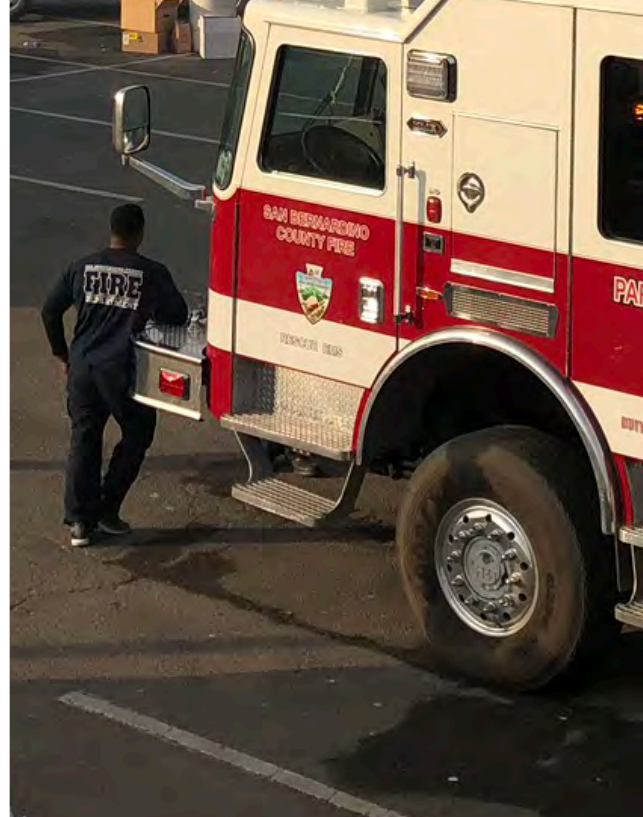
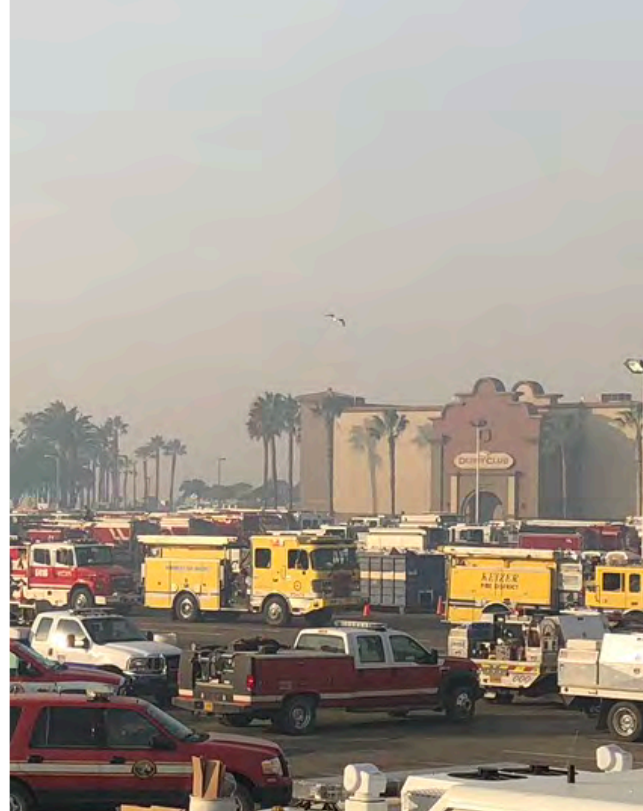
The Office of Emergency Services developed a new program called Signal for Safety which will assist schools in enhancing their emergency preparedness. Signal for Safety is a system that was developed which allows schools to signal their status to first responders following an earthquake or other disaster using colored flags displayed from a flagpole at the school site. Following a disaster, first responder patrolling the communities performing dashboard assessments can see by way of the color of the flag flying in front of the school, if help is needed or not and the level of distress at each school site. Several school districts throughout the County are participating in the program.

PULSEPOINT APP ROLLS OUT COUNTYWIDE

On June 1, 2018, SB CoFire and other local fire agencies joined the PulsePoint Foundation to extend lifesaving technology in San Bernardino County. PulsePoint, using location-aware mobile devices, alerts CPR-trained citizens of cardiac events in their vicinity so they may administer aid. The app also notifies users of the closest available Automated External Defibrillator (AED). Early application of bystander CPR and rapid defibrillation from an AED have proven to be crucial in improving a person's chance of surviving sudden cardiac arrest.

RESPONDING TO CALLS FOR ASSISTANCE

Despite a brutal 2017 fire season for much of California, San Bernardino County Fire was able to keep fires in the county mostly contained. SBCoFire held the Mile Fire, Bryant Fire and others to less than 200 acres. Our fellow fire agencies were not so fortunate and calls for help were issued.



THOMAS FIRE

SBCoFD deployed a Type 1 strike team & 2 local government strike teams to fight the enormous Thomas Fire just hours after it ignited on December 4, 2017. The Thomas Fire burned nearly 282,000 acres in Ventura and Santa Barbara Counties and grew to be one of the largest wildfires in California history. The strike team consisted of 63 firefighters who worked tirelessly to help combat this beast of a fire.

USAR TEAM DEPLOYED TO MONTECITO

Regional Task Force 6 (CA RTF 6), one of twelve regional task forces located in California and a component of SBCoFire's Urban Search & Rescue team, was assigned to the Montecito floods on January 12, 2018. The team engaged in numerous search operations over 12 hour periods.

Once the incident transitioned to a recovery effort, the team was tasked with performing secondary/high coverage searches in areas previously covered by primary searches or deemed too hazardous to search in the early days following the debris flows. Secondary/high coverage searches are time consuming endeavors that explore every possible place a victim could be located. They differ from primary searches which explore places where victims would "likely" be.

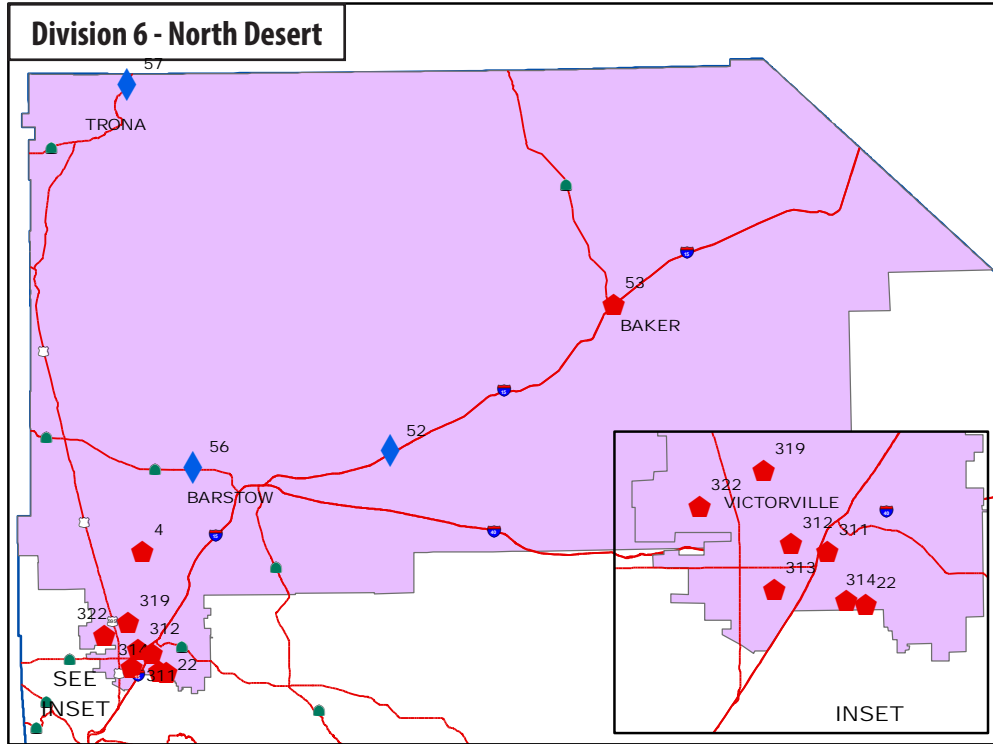
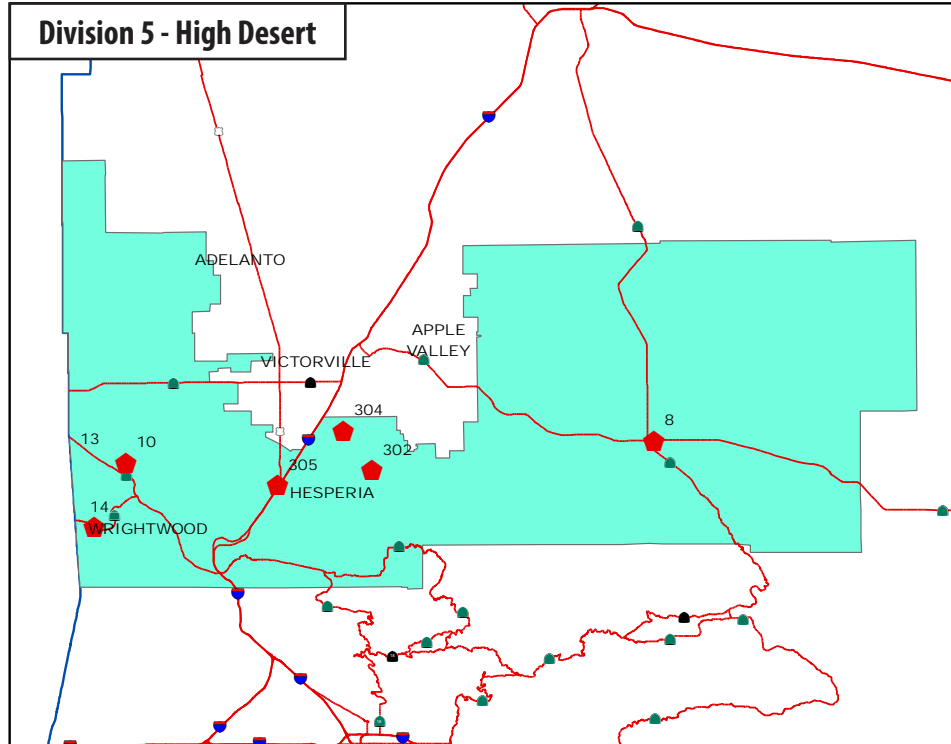
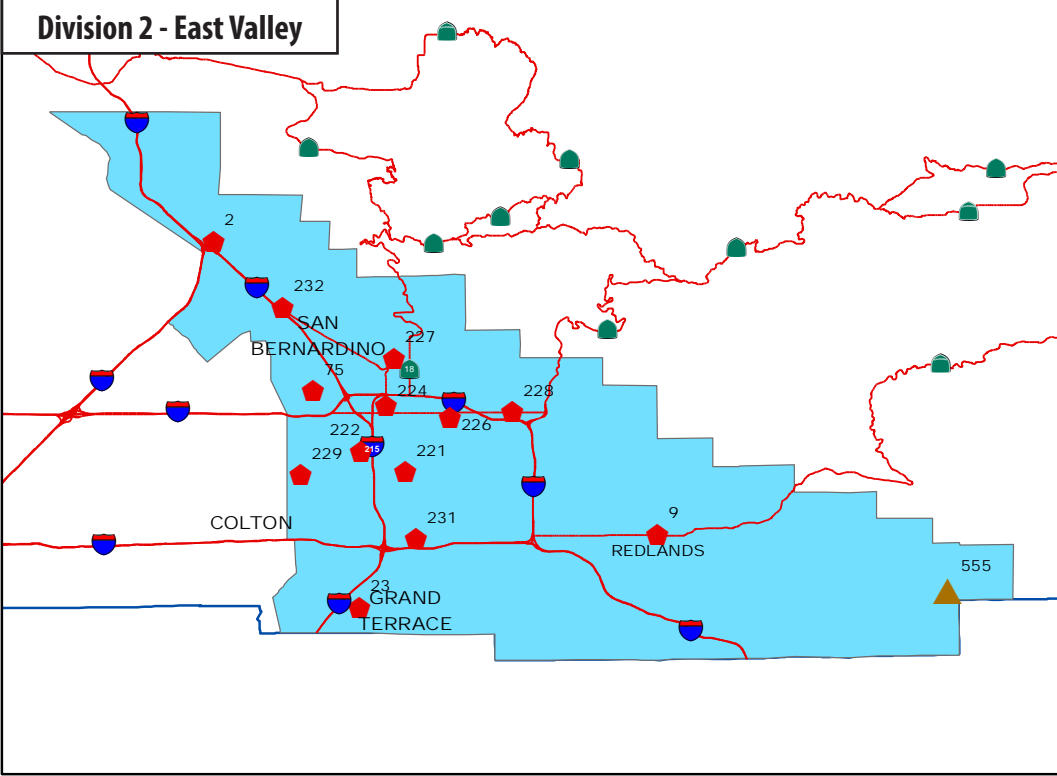
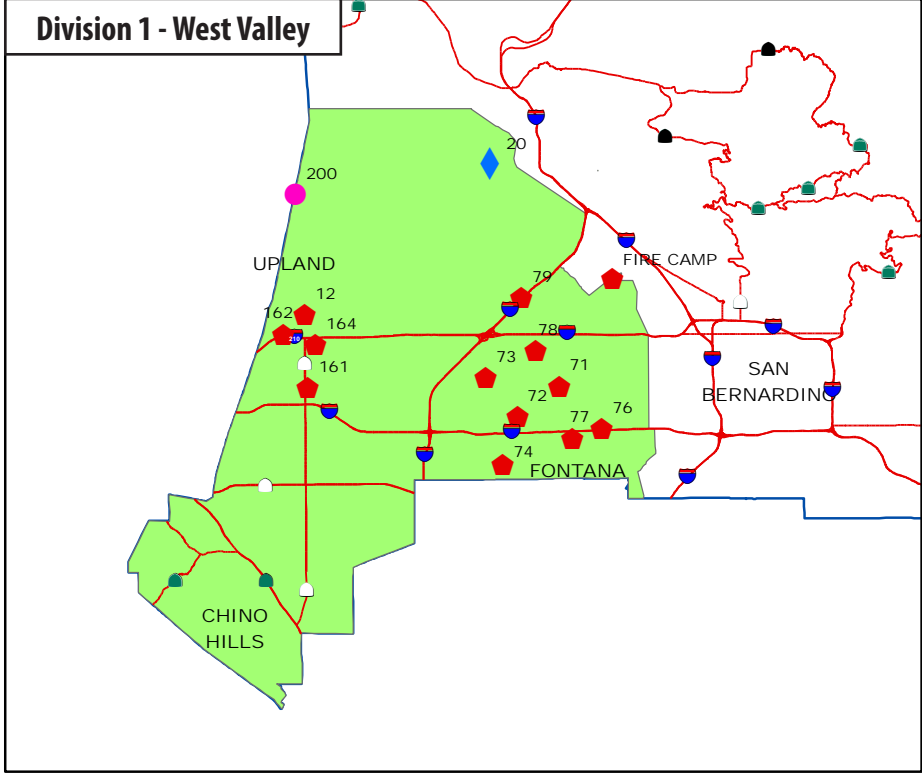
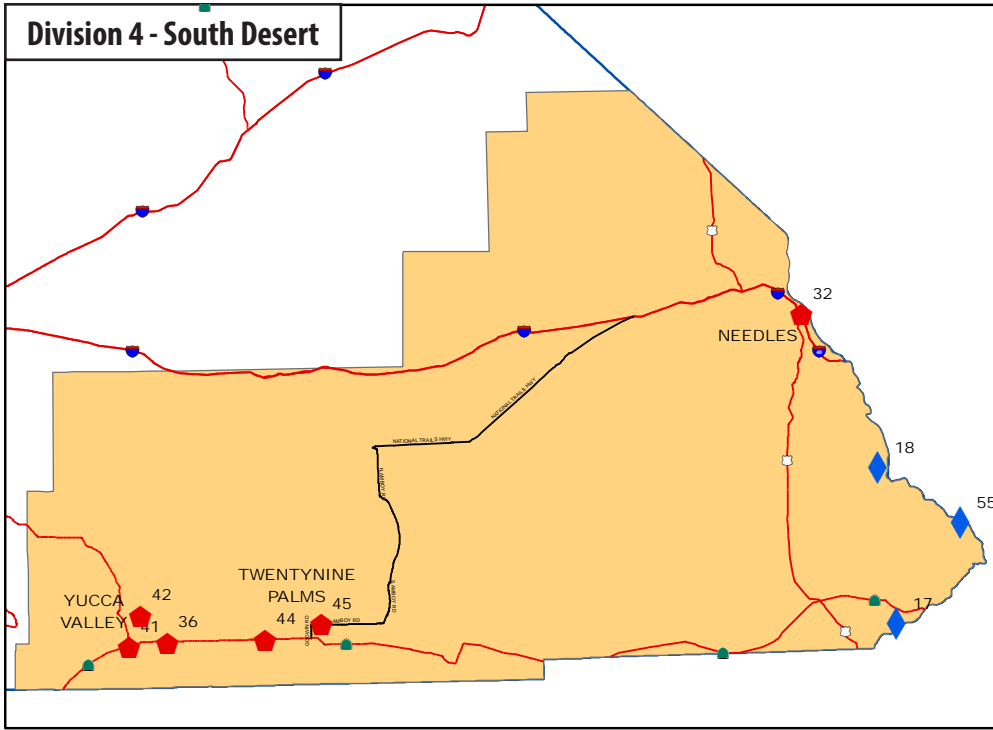
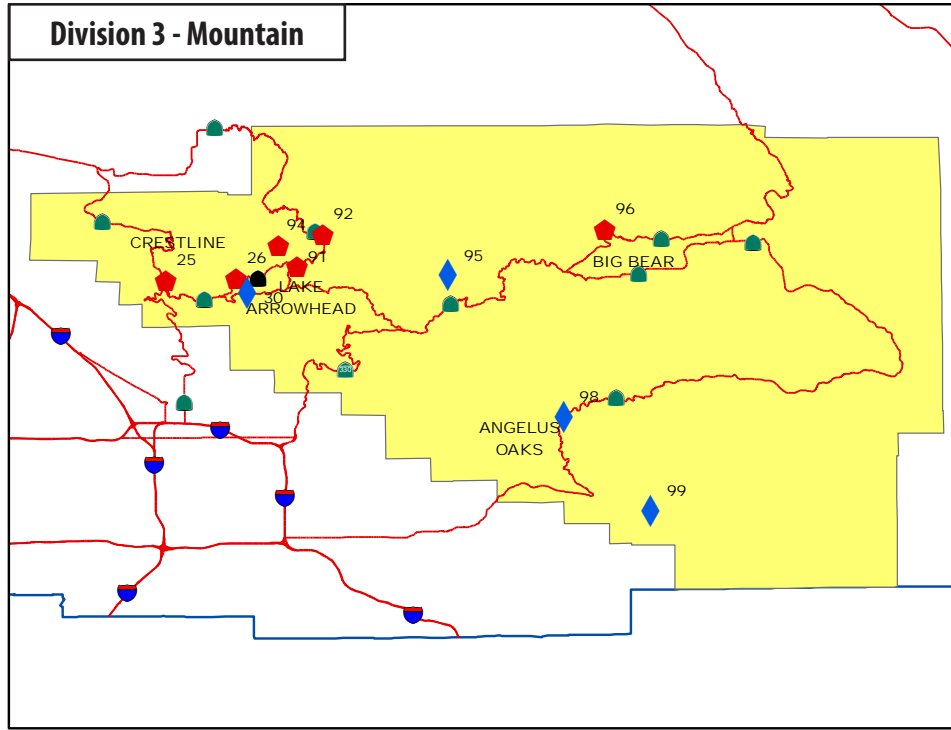
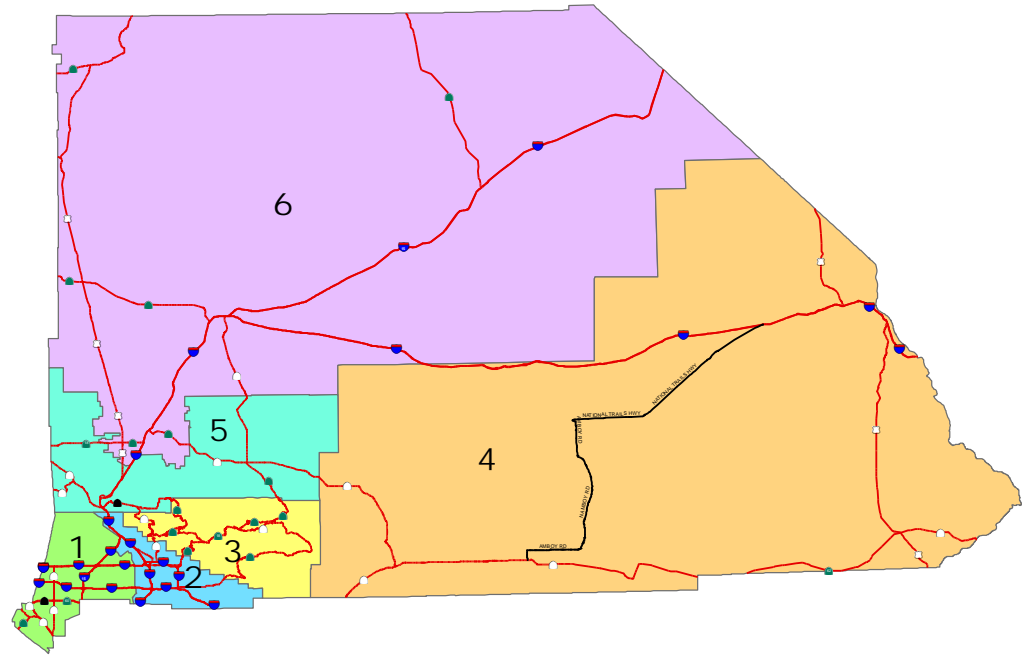
SBCOFIRE RESPONDS

As part of the Master Mutual Aid system, SBCoFire also responded Strike Teams and Hand Crews to assist in structure defense and battle the raging wild fires throughout California; to include large scale fires such as the Salmon, Cranston, Flat, Sawmill, Orleans, Slinkard, Central LNU Complex, and Southern LNU Complex Fires, as well as the Canyon and Canyon 2 Fires of Orange County.

San Bernardino County Fire

Divisions and Stations

- Legend**
- Division 1
 - Division 2
 - Division 3
 - Division 4
 - Division 5
 - Division 6
 - ◆ SBCo Fire Station
 - ◆ Paid Call Station
 - ▲ Contract Station
 - Volunteer Station






SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

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