

2017 Annual Report

Encinitas, Solana Beach, and Del Mar
Fire Departments



2017 ANNUAL REPORT



Mike Stein, Fire Chief

"The best way to find yourself is to lose yourself in the service of others."

-Mahatma Gandhi

CHIEF'S MESSAGE

"Committed to Excellence, focused on Community" is our Department motto. When it comes to major disasters such as wildfires, mudslides and others, "Community" takes on a greater meaning. There isn't a fire department in California that has the capacity to handle these types of disasters on their own. Likewise, major disasters like the devastating wildfires and mudslides that occurred in California in 2017 do not stay neatly within jurisdictional boundaries. In these types of incidents, the California Fire Service bands together and takes care of our "larger Community". Luckily, in 2017 our "Jurisdictional Community" did not see any major disasters. However, we answered the call to our larger "California Community" 48 times in 2017. It was a busy year for wildfires as we were battling them across California from summer to Christmas, and then responding back to the same areas for the mudslides near year-end. Our firefighters from all 3 agencies answered the call each and every time and helped our "larger Community" with Courage.....and Excellence.

2017 also saw the construction of our new Encinitas Marine Safety Center which will open in 2018. This new building will serve our Community for many years to come.

Our combined 3 agencies continue to function more like 1 Department by finding efficiencies, reducing duplication of efforts, and continuing to be *"Committed to Excellence, focused on Community."*

Lastly, I want to take time to properly recognize our members who deliver our service every minute of every single day. From our lifeguards protecting our beaches, to our fire prevention staff making our communities a safer place to live and play, to our administrative staff making sure our organization is running efficiently and effectively, and to our firefighters responding at a moment's notice in someone's time of need....I say Thank You! Collectively this team effort made 2017 a successful year and made our communities safer for everyone!

At Your Service,



Mike Stein
Fire Chief

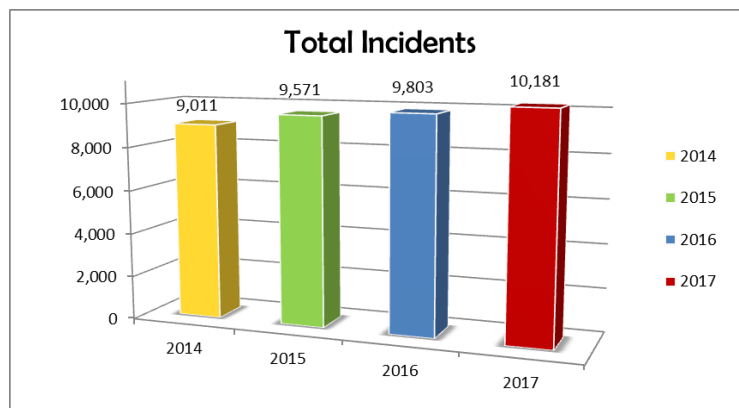


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Mission Statement

“Proudly committed to providing the highest level of service to our communities and the people we serve, by protecting life, property and the environment.”

Value Statement

Compassion, Courage, and Commitment with P.R.I.D.E.



- **P**rofessionalism
- **R**espect
- **I**ntegrity
- **D**edication
- **E**xcellence



Vision

To preserve the trust of our citizens through professionalism, customer service, and a commitment to excellence, while being responsive to the changing needs of our communities.

Motto

“Committed to Excellence, Focused on Community”



Encinitas, Solana Beach, & Del Mar

By The Numbers

Total Land Area

24.8 sq miles

Total Population

79,696

Total # of Stations

8

Total # of FTE's

100

Sworn Personnel

1 Fire Chief
1 Deputy Fire Chief
3 Battalion Chiefs (ISOL)
24 Fire Captains
27 Fire Engineers
27 Firefighter/Paramedics

Fire Prevention Personnel

1 Fire Marshal
1 Sr. Deputy Fire Marshal
2 Deputy Fire Marshals
1 Fire Inspector (SOL)
1 Program Assistant

Fire Administration Personnel

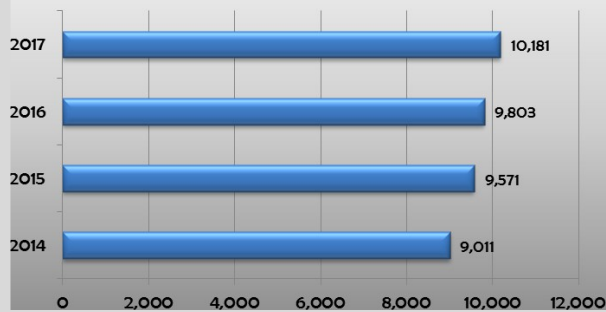
1 Sr. Management Analyst
1 Management Analyst
1 Dept. Admin Coordinator
1 Program Assistant
1 Administrative Assistant (SOL)
1 EMS Coordinator

Marine Safety Personnel

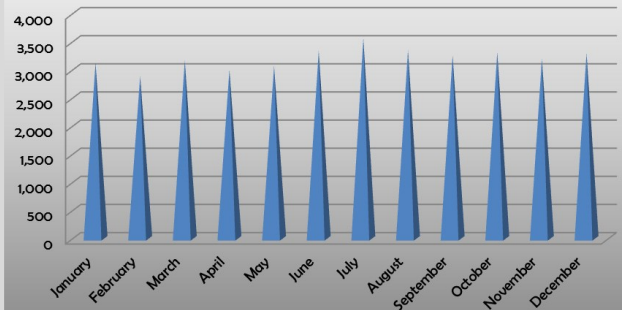
1 Captain
1 Lieutenant
3 Sergeants

Incident Stats 2014-2017

Total Incidents



Incidents by Month



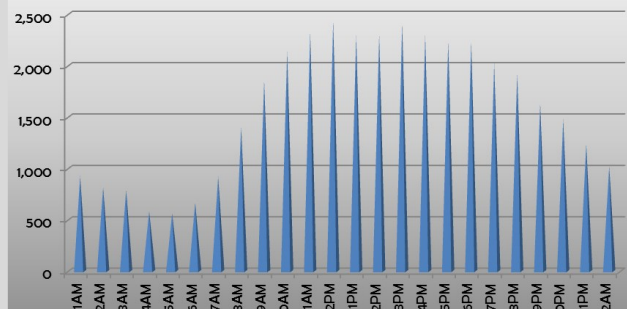
Auto Aid Received Incidents-----3,364

Auto Aid Given Incidents-----4,655

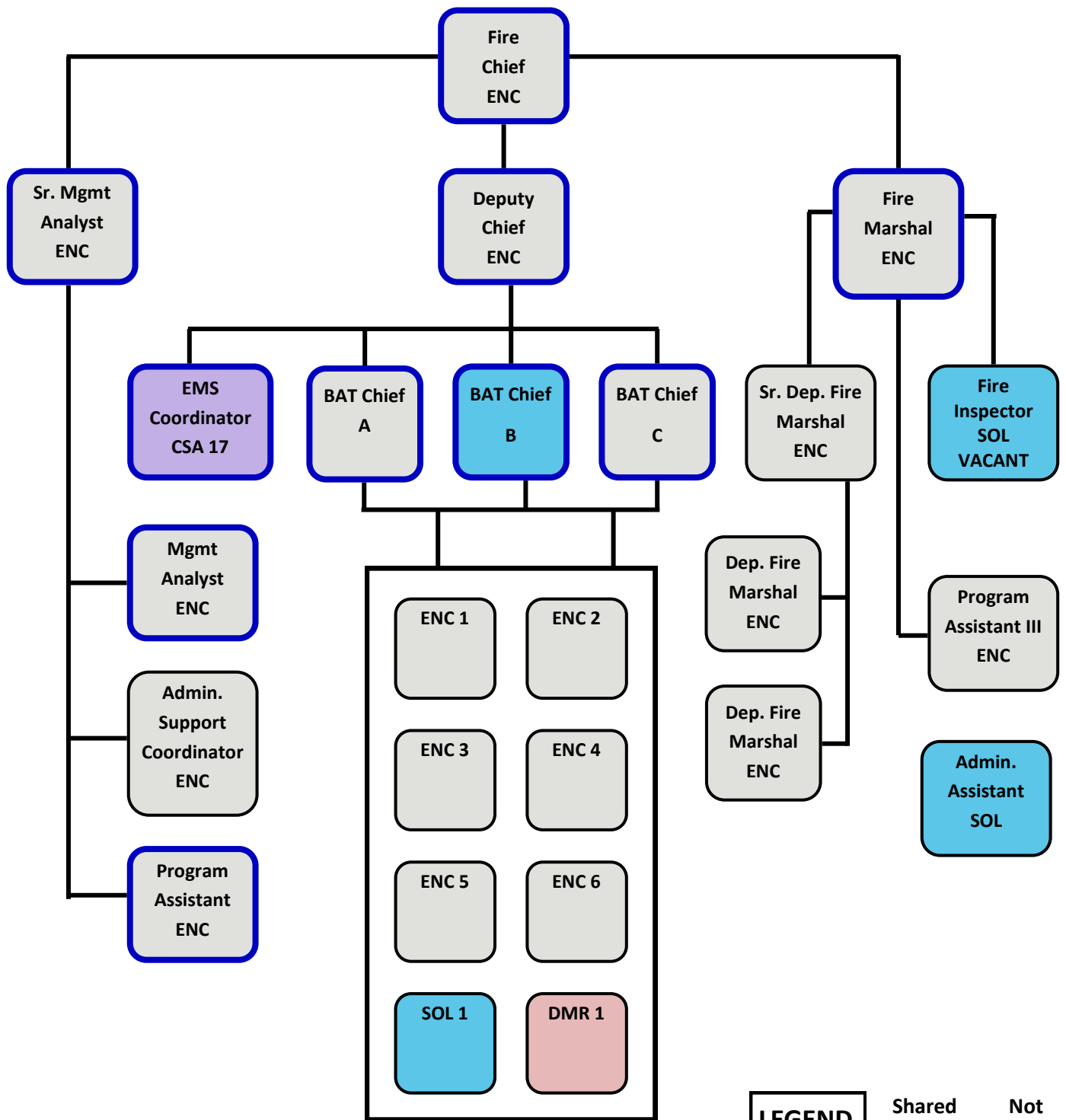
Average Response Time----4 min 52 sec
(turnout + drive time)

Training Hours Logged (2017)---- 27,408

Incidents by Time of Day



Fire Department Organizational Chart



LEGEND	Shared All	Not Shared
Encinitas		
Solana Beach		
Del Mar		
CSA—17		

Encinitas Snapshot

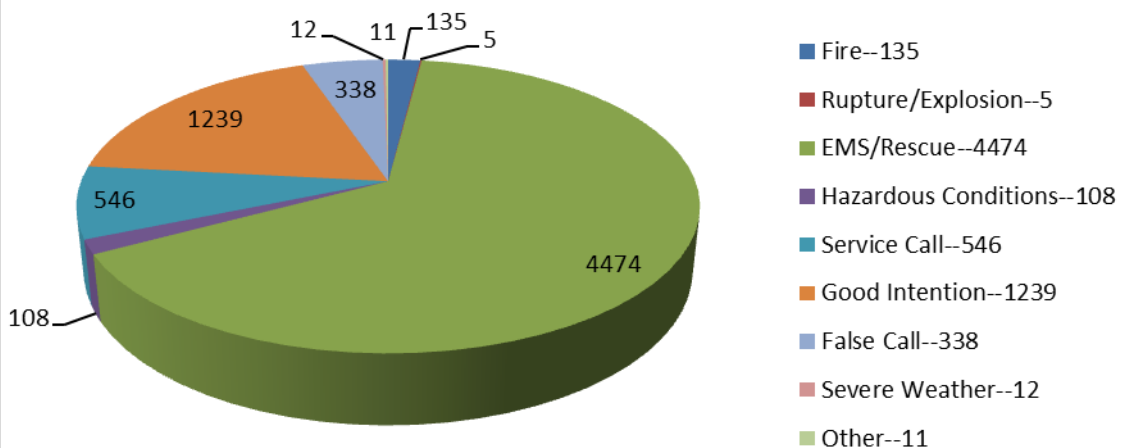
Land area—19.6 square miles

Population—61,928

of Stations—6

of Firefighters—51

2017 Emergency Responses Total = 6,868



Average Response Time—4 min 49 sec

Structure Value Loss = \$5,663,228

Structure Value Saved = \$47,323,678

Solana Beach Snapshot

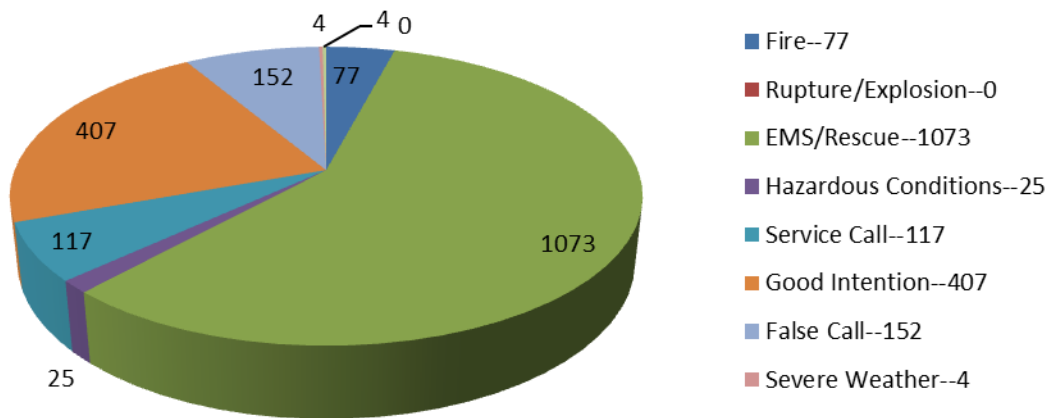
Land area—3.4 square miles

Population—13,494

of Stations—1

of Firefighters—18

2017 Emergency Responses Total = 1,859



Average Response Time—4 min 41 sec

Structure Value Loss = \$645,690

Structure Value Saved = \$32,230,740

Del Mar Snapshot

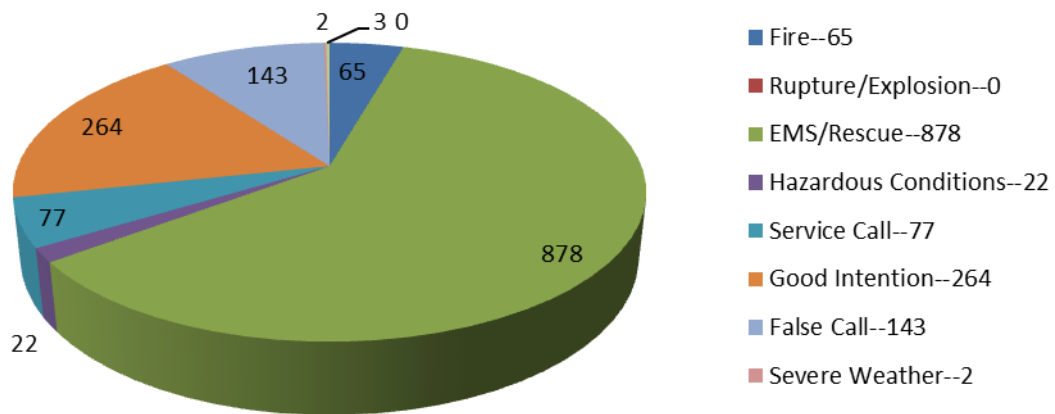
Land area—1.8 square miles

Population—4,214

of Stations—1

of Firefighters—9

2017 Emergency Responses Total = 1,454

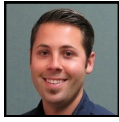


Average Response Time—5 min 7 sec

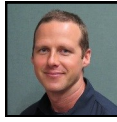
Structure Value Loss = \$1,215,640

Structure Value Saved = \$8,132,540

2017 New Hires



Don Butz
Firefighter/Paramedic
Encinitas



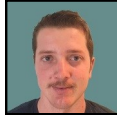
Matthew Colley
Firefighter/Paramedic
Encinitas



Nick Cortez
Firefighter/Paramedic
Del Mar



Joe Masnica
Firefighter/Paramedic
Solana Beach



Charles Mead
Firefighter/Paramedic
Solana Beach



Dan Phin
Firefighter/Paramedic
Encinitas

2017 Promotions



Sarah Duffy
Admin. Support Coordinator
Encinitas



David Dumain
Engineer
Encinitas



David Evans
Engineer
Encinitas



Peter Fink
Captain
Encinitas



William Frisch
Engineer
Encinitas



Josh Gordon
Captain
Encinitas



Jim Mickelson
Battalion Chief
Encinitas

2017 Retirements



Margaret Loughridge
Program Assistant III
Encinitas



Sandra Maluia
Admin. Support Coordinator
Encinitas



Lance Shaw
Captain
Encinitas

Operations

Our service area is covered by 8 fire stations strategically located throughout our 3 cities to provide “round-the-clock” coverage to our communities. 6 stations are located in Encinitas. The Cities of Solana Beach and Del Mar each have 1 station. These fire stations house the departments’ 81 fire suppression personnel (including Battalion Chiefs), 6 type-1 structural firefighting engines, 4 reserve engines, 2 truck companies, 2 type-3 brush engines and 1 type-6 fire engine. Our paramedic ambulance provider, AMR, also houses 4 ambulances in our fire stations.

Our firefighters are trained to respond to fires (both structural and wildland), medical aids, vehicle accidents, hazardous materials incidents, confined space and trench rescues, weapons of mass destruction incidents, swift water rescues, and many other emergencies. When not responding to emergencies, firefighters perform a variety of activities such as conducting fire safety inspections of local businesses, inspecting and maintaining fire hydrants, training, pre-fire planning, maintaining equipment and stations, and providing safety classes and station tours for the public.

The Operations Division is overseen by Deputy Chief Jon Blumeyer. There are three different shifts (A, B, and C Shifts) of firefighters that staff each fire station in order to provide 24-hour service to our communities. Personnel assigned to Operations work a 56-hour work week on average. Each fire company (apparatus) is staffed with 3 firefighters. This includes a company officer (Fire Captain), the driver/operator of the apparatus (Engineer) and a Firefighter/Paramedic. The exception is Encinitas Fire Station 6, which consists of two rather than three firefighters. Firefighters report to a Fire Battalion Chief that oversees the departments’ daily operations of 8 fire stations and 9 companies.

Training and Safety

The purpose of our Training Division is to provide a reliable, up-to-date source of educational and practical information to both our personnel as well as the public. The Training Division is responsible for:

- Providing federal, state, and regional mandated training
- Ongoing lecture and “hands-on” skills training
- Developing/implementing all new hire testing
- Developing/implementing all promotional testing
- Developing/implementing all probationary step testing
- Organizing the Management Academy



2017 Training Hours

Encinitas	=	17,264
Solana Beach	=	6,475
Del Mar	=	3,669
<hr/>		
Total	=	27,408 hrs



Training and Safety

2017 Accomplishments:

- Assisted (provided an engine, crew, and house) SDGE with an emergency responder training video to be used county wide on how to handle natural gas leaks
- 3 New Hire Academies
- Engineers Test & Captains Test
- Blue Card Certifications for engineers aspiring to become captains
- Trained the Chula Vista Fire Department on how to drive a tiller ladder truck
- Annual Driver Training
- Annual Wildland Training
- Placed into service and trained all crew on a new Engine 234 (Station 4) and a new Patrol 236 (Station 6)
- Pre-Planned Del Mar Fairgrounds
- Extended Attack (incidents of long duration) training for chief officers
- CPR in the schools—5 classes

Multi-Company Drills in 2017:

- Hazardous Materials Training
- Live Fire Training
- High Angle Rescue
- Confined Space Drill
- County Wildland Drill
- Night Drill on an abandoned commercial building
- Day drill on an abandoned commercial building
- Swift Water training (on duty crews trained locally and Swift Water Team trained in Northern California).



EMS



The EMS Division delivers state of the art pre-hospital medical care to our residents and visitors in their time of critical need. This includes rapid response to the emergency, assessing the sick and injured, and providing rapid care and stabilization for transport to an emergency care facility.

Each firefighting team is staffed with at least one paramedic. These trained and licensed paramedics carry a multitude of medications and treatment modalities that literally bring emergency room care to the patient's living room.

Our EMS system is part of County Service Area 17 (CSA-17).

CSA 17 consists of:

- Del Mar
- Del Mar Heights
- Solana Beach
- Encinitas
- Rancho Santa Fe
- Portions of Elfin Forest



Ambulance service is provided through American Medical Response (AMR). AMR ambulances are stationed at Solana Beach Station 1, Encinitas Station 2 and Encinitas Station 5.

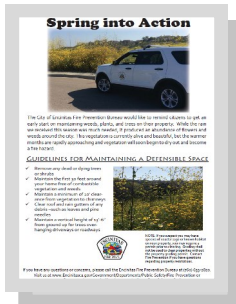


In an effort to increase survival rates of cardiac arrest in our area, the Fire Department worked with the San Dieguito Union High School District to teach 7th graders hands-only CPR.

Fire Prevention

The goal of the Fire Prevention Division is to reduce the risks of fire and life safety for our community and firefighters. Fire Prevention oversees the business inspection and weed abatement programs, and enforces hazardous materials storage/use and disposal laws. Fire Prevention also manages all facility improvements and planning. Fire Prevention is also responsible for processing plan checks of new construction and remodel projects within each city, and performing acceptance inspections of fire sprinklers (commercial/residential) and special hazards systems for new and remodel developments.

Major Accomplishments 2017



Public Education

Public Outreach Safety Messages:

- Presentations
 - * Defensible Space/WUI
 - * Senior Safety
- Flyers
- Social Media
- Website



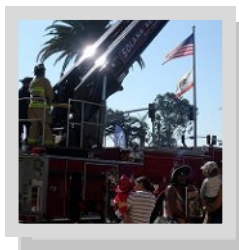
Vegetation Management

- Proactive approach
 - Website and Social Media
 - Plan review
 - Perform safety assessments
 - * Home Owners Associations
 - * County Parks - San Elijo Lagoon
- Inspections and Enforcement
 - Complaints and Violations
 - * Attained 100% Compliance



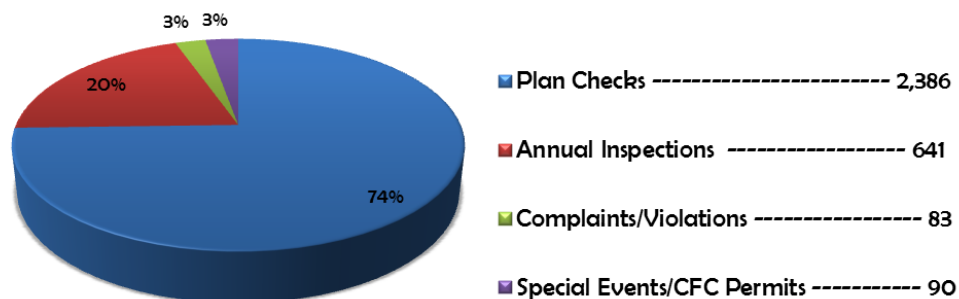
Annual Inspection Program

The Fire Prevention Bureau implemented the EnerGov Annual Inspection program using computer tablets in Encinitas. The paperless system will increase efficiency and reduce waste.



National Fire Prevention Week

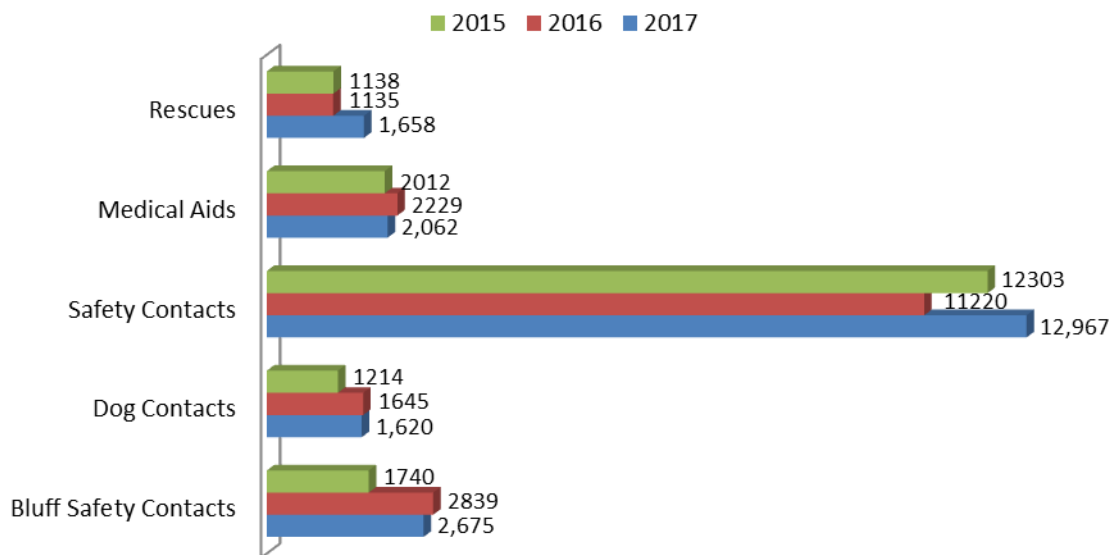
National Fire Prevention Week was celebrated with an Open House at ENC Station 5 and SOL Station 1. This was a great educational opportunity for all ages.



Marine Safety

The Marine Safety Division is responsible for providing beach safety services for the 3.5 miles of coastline at Encinitas owned or operated beaches. In 2017, this division was staffed with 1 Marine Safety Captain, 1 Lieutenant, 3 Sergeants, and 62 seasonal lifeguards. Traditional services include swiftwater rescue, surf, open, under-water and cliff rescues, medical aids, mitigation of safety hazards on the beach, and providing safety information to the public. The City's Junior Lifeguard Program is also coordinated by the Marine Safety Division; instruction and operation for this program is provided by City ocean lifeguards.

Statistics



2017 Highlights



1,446 Jr. Lifeguards

The Jr. Lifeguard Program teaches children ocean rescue techniques, beach first aid, and the use of rescue boards and lifeguard equipment.



New Marine Safety Center

The new Marine Safety Center construction was completed in December 2017. Lifeguards and Sheriffs are currently furnishing the building for a grand opening in 2018.



Sailboat Aground

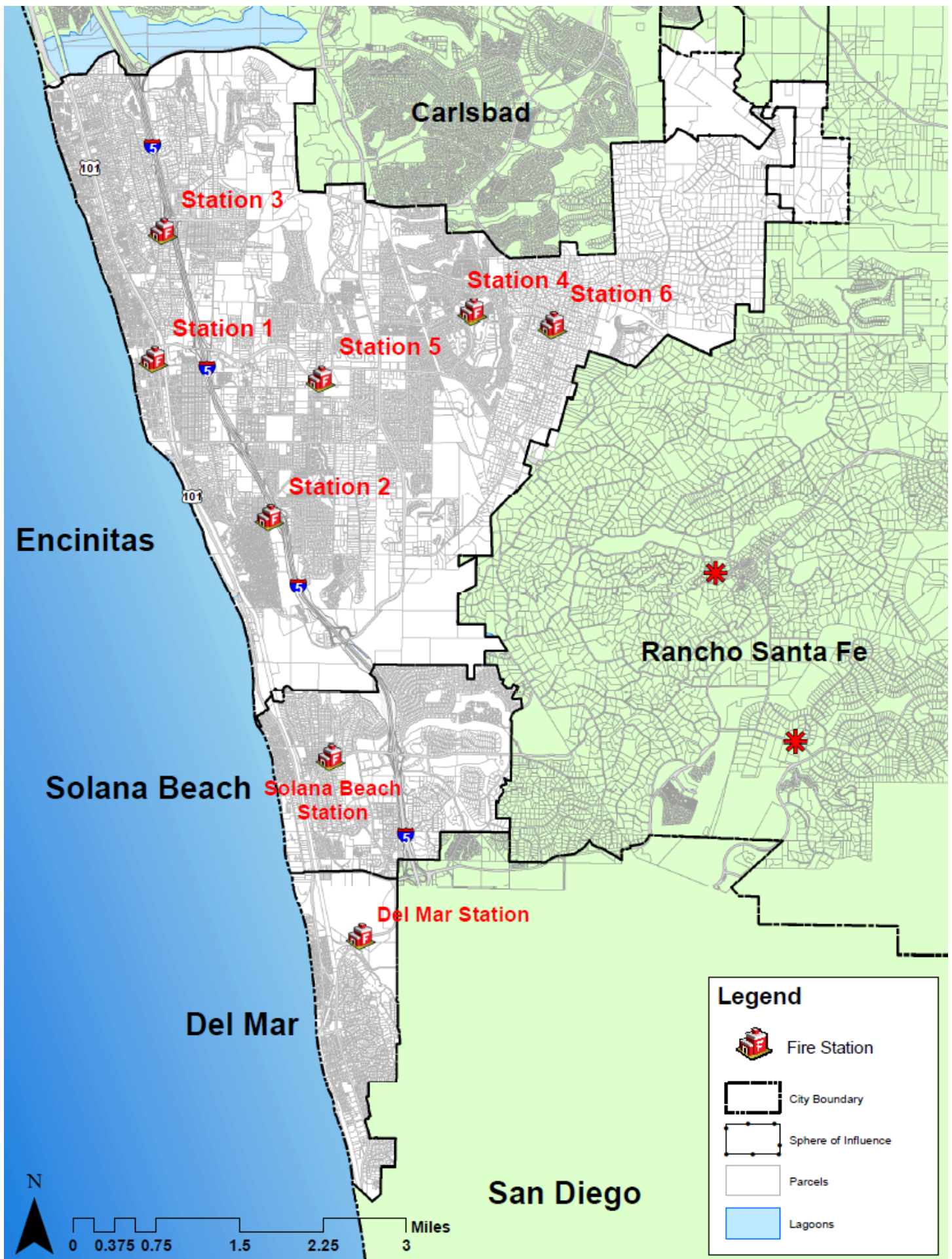
In the summer of 2017, a sailboat came aground between Beacons and Grandview beaches after sustaining heavy damage. The \$600,00 boat was successfully towed and taken to a boatyard for repairs.

Fire Administration

The Administrative Division is comprised of 7 full time employees: the Fire Chief, Deputy Fire Chief, Senior Management Analyst, Management Analyst, Administrative Support Coordinator, Program Assistant, and Administrative Assistant (funded & located in Solana Beach). This Division provides management, direction, and administrative support for all 3 departments, conducts long-range planning, prepares the budget, provides fiscal analysis of departments' activities, and pursues grants to purchase needed equipment and fund educational programs. In addition, the Fire Administration Division is responsible for managing all 3 cities emergency management/disaster preparedness program and conducting emergency planning. The Encinitas Lifeguard Captain also works in the administrative offices. In October 2009, the cities of Encinitas, Del Mar, and Solana Beach entered into a Cooperative Fire Management Services Agreement. Through this agreement, Encinitas and Solana Beach senior fire staff provide operational oversight for the Encinitas, Del Mar, and Solana Beach Fire Departments. Duties include: supervision fire suppression operations and emergency medical services by shift battalion chiefs; emergency management; fire prevention activities; purchasing of materials, supplies, and fire equipment; management of services contracts; and administrative functions.

Emergency Preparedness

- **EOC:** The Emergency Preparedness Division manages the implementation of the Emergency Operations Center (EOC), which is activated during a local emergency or natural disaster, and coordinates EOC training for all City staff.
- **Drills:** The Division coordinates exercises such as the Great Shakeout (earthquake drill) and EOC exercises to ensure all City employees are knowledgeable of what actions to take in the event of an emergency.
- **Public Education:** The division promotes emergency preparedness through social media platforms and provides several pages of information on the City's website to educate the public on how to prepare for emergencies.
- **The Community Emergency Response Team (CERT) Program:** To prepare residents for a catastrophic disaster, the Fire Department started a CERT program in 2004. This program teaches citizens basic emergency skills and trains them to respond effectively to disasters as a part of a team. The program includes special training for basic fire suppression and medical care. Volunteers also learn how to size-up search and rescue situations, such as a collapsed building, for example, to determine whether it is safe to go in. The classes are taught by firefighters or by CERT volunteers certified to teach some of the course modules. At the end of the course, the students respond to a mock emergency to give them a chance to put their skills to good use.



Strike Team Deployments

Encinitas

32 assignments
24 different fires

Solana Beach

13 assignments
8 different fires

Del Mar

3 assignments
3 different fires

Lilac

Thomas

Napa

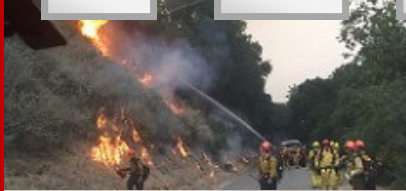
Sonoma

Cristianitos

Detwiller

Whittier

Alamo



Thank You!



The Fire Department would like to thank our Citizens, City Council Members and City Leaders for your continued support of our services. Together we make a GREAT team! Our motto of ***“Committed to excellence, focused on Community”*** starts with the support of each and every one of you.

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