



# ANNUAL REPORT

2021

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# MESSAGE FROM



# THE FIRE CHIEF



Jesse Alexander - Fire Chief

I am honored to serve the citizens of Yuba City as your Fire Chief, and it is a privilege to lead the women and men of the Yuba City Fire Department.

The Yuba City Fire Department is an all-risk, all-hazards fire department. We staff our fire engines with well-trained firefighters to deliver the highest quality emergency response to structure fires, vegetation fires, vehicle accidents, water rescue incidents, medical emergencies, hazardous materials incidents, or any other type of response for which we may be called. Five strategically placed fire stations throughout Yuba City allow us to provide a rapid response to the approximate 76,000 citizens we serve.

The culture of the Yuba City Fire Department is founded on a set of values called the Four Pillars. All fire personnel strive to model their behavior on these Four Pillars, which are Perspective, Selflessness, Servant's Heart, and Perfect Effort. We look forward to serving our community and continuing to provide the fire protection and emergency services that our citizens have come to expect throughout our more than century of service.



## Notable Accomplishments



### Fire Department Development:

- Conducted a Fire Ops 101 Academy
- Implemented secondary Emergency Incident notification system
- Implemented tracking mechanism for Personnel Protective Equipment (PPE)
- Expanded Social Media program to include Twitter and Ted Talks
- Implemented a YCFD Color Guard
- Started construction of Station #1 remodel of kitchen and day-room
- Started construction of a Training Facility at Station #4
- Received funding to secure 6 permanent firefighter positions
- Received Assistance to Firefighter Grant (AFG) for replacement of expired Wildland Gear
- Received Homeland Security Grant for Ballistic Vests and Helmets
- Received CDBG for new Structure Fire Turnouts
- Received funding and completed the specification process for a new Fire Engine and Ladder Truck
- Received funding from American Rescue Plan Act (ARPA) for portable Hand-Held Radios
- Firefighter Behavioral Health Workshops
  - Firefighter Behavioral Health Alliance
  - Hilinski's Hope Foundation

### City Development & Emergency Preparedness:

- City-Wide basic National Incident Management System (NIMS) and Incident Command System (ICS) training
- Conducted Intermediate ICS for Expanding Incidents for EOC Command and General Staff
- Implemented EOC Command and General Staff Roles and Responsibility training
- Established a City-Wide Public Information Officer (PIO) Team
- Testing of our Emergency Alert Notification System (CodeRED)
- Completed an all-risk evacuation map for Yuba City
- Standardized Incident Evacuation Plan for First Responders
- Continued City's Department Operations Center (DOC) for COVID Response
- Implemented the Stop-The-Bleed Program for the City
- Coordinated with the City's Human Resource Department to purchase and install Stop-The-Bleed kits at City facilities.
- Developed a comprehensive Incident Action Plan (IAP) for the Sikh Parade

### Promotional and Hiring:

- Held (1) Fire Recruit Exam
- Held (1) New Fire Recruit Academy
- Held (1) FAO Promotional Exam
- Held (2) FAO New Hire Academies
- Held (1) Division Chief Promotional



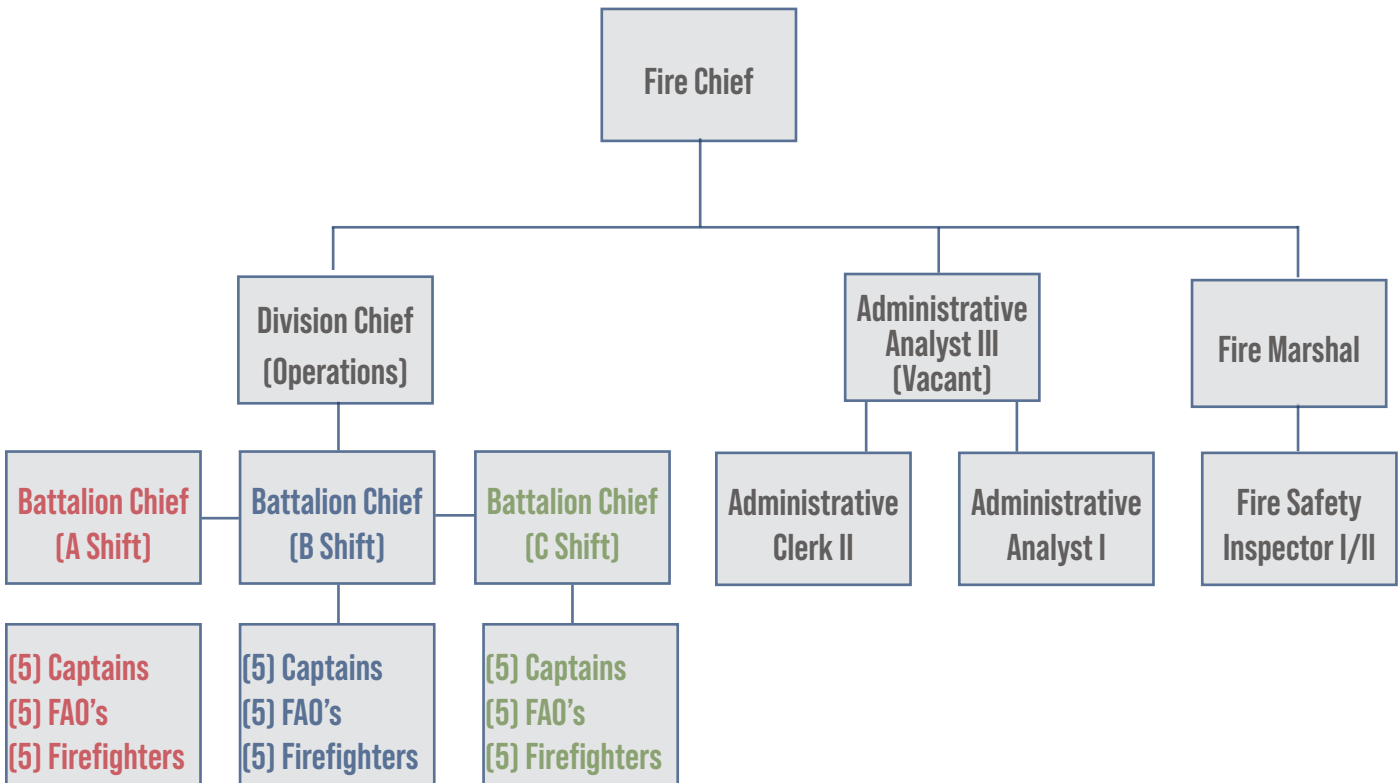
# ADMINISTRATION

## Organizational Chart



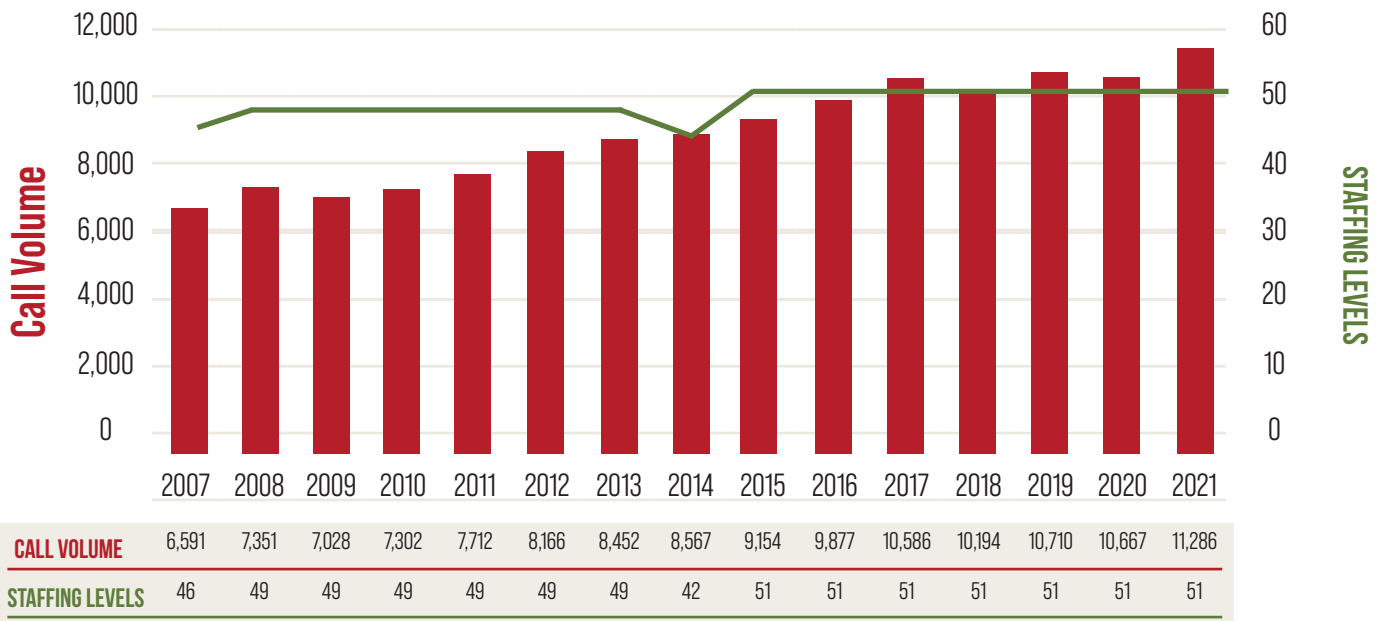
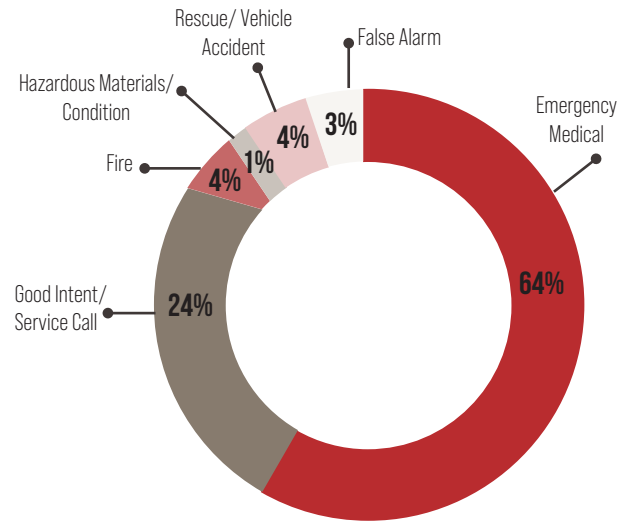
### 2021 PERSONNEL

58	Employees
2	Chief Officers
3	Battalion Chiefs
39	Firefighter/EMT's
9	SAFER Grant Firefighters
1	Fire Marshal
1	Fire Safety Inspector
3	Civilian Employees



## Calls for Service

Call Volume by Type 2019 - 2021				
INCIDENT TYPE	2019	2020	2021	3-YEAR AVERAGE
Emergency Medical	6968	6570	7168	6902
Good Intent / Service Call	2525	2952	2695	2724
Fire	260	317	410	329
Hazardous Materials / Condition	152	133	155	147
Rescue / Vehicle Accident	502	413	509	475
False Alarm	303	282	349	311
<b>TOTAL</b>	<b>10710</b>	<b>10667</b>	<b>11286</b>	<b>10888</b>





## ADMINISTRATION

### Training

The Yuba City Fire Department takes great pride in providing quality service to the citizens of Yuba City through an active and growing training program.

Due to the nature of the fire service profession, in initial response to various and multi-faceted emergencies, training consumes a large portion of a fire departments time and responsibility. In 2021 the Yuba City Fire Department completed 11,845 training hours for emergency responders, with each member averaging 275 hours of training.

With all the yearly training completed, the Yuba City Fire Department was able to meet and exceed the training requirements set forth by Federal, State and local mandates. The Department and City now continues to maintain a fire protection class rating of Class 2 through the Insurance Services Office (I.S.O). I.S.O looks at various functions, support services and equipment within an organization and training hours and topics are an important part of the evaluation. This rating is not achievable without an active training program and fulfilling the pre-determined set mandates at the engine company, fire officer, driver operator, firefighter, fire recruit and hazardous materials level. The YCFD is proud of this rating and will look to further solidify and grow the services provided.

Through required training manuals within our ranks, maintaining necessary licenses and meeting mandates outlined by federal and state agencies, the YCFD is committed to training and growing our members. Whether preparing for a different aspect of the job or training on new equipment or standards, YCFD members are engaged each day in training while not on emergency calls for service.

In 2022, the Department will look to build upon the training program with the development of a fire training site located next to Fire Station 4. This training site, coupled with hosting internal classes and sending members to conferences and outside training, will further the growth and expertise of our members and build upon our tradition of quality response for service within our community.



### Training Program Goals

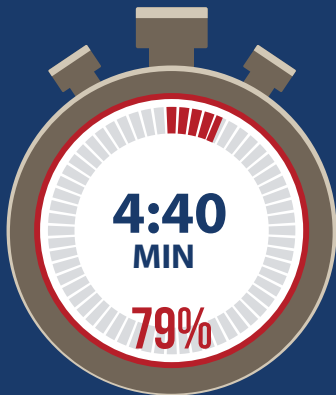
- Enhance emergency response, emergency skills and equipment
- Increase expertise and effectiveness
- Grow decision making and confidence
- Professional development and succession planning
- Reduce risk and increase safety
- Meet and exceed all training requirements and build a growing standard and expectation.



## Response Times

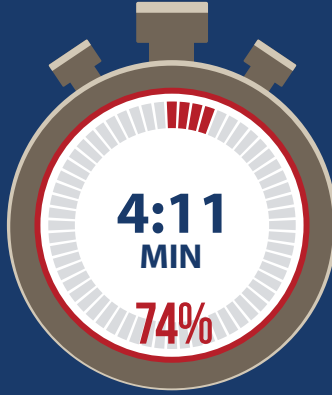
The information below reflects the response time performance in the Department's service area, showing the performance of first-arriving units to priority calls. Response time is the elapsed time from when a unit is dispatched by the 9-1-1 Dispatch Center until the unit arrives at the scene.

**AVERAGE RESPONSE TIME OF STRUCTURE FIRE CALLS**



Goal: 5 Minutes 90% of the time

**AVERAGE RESPONSE TIME OF EMS CALLS**

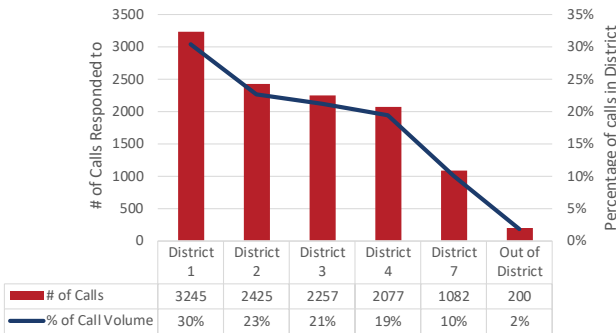


Goal: 5 Minutes 90% of the time

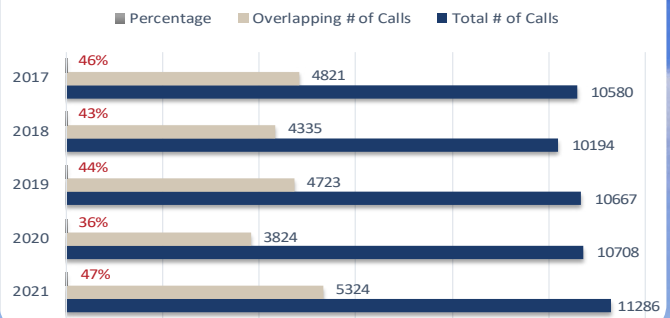
**AVERAGE RESPONSE TIME OF ALL CALLS**



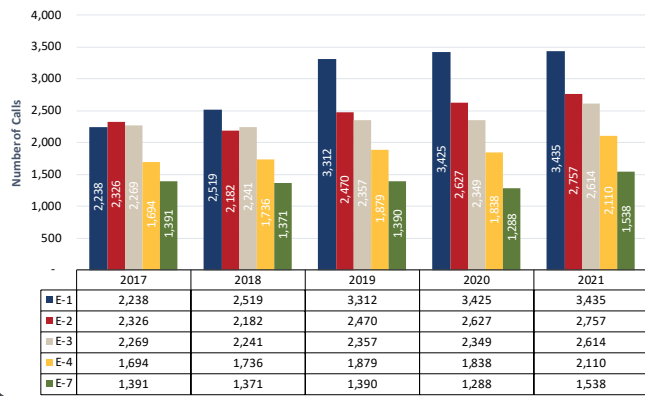
**Incidents by District**



**Overlapping Calls**



**Number of Calls by First-Due Unit  
5-Year comparison**





## Significant Events



The following section describes significant events managed by the Yuba City Fire Department in 2021:

- On May 19, 2021 at 12:35 p.m., a structure fire occurred at 158 Brayton Loop. Crews arrived to find heavy smoke and fire showing from the first floor of the two story.
  - **Estimated Value: \$566,208 Estimated Loss: \$343,769 Estimated Total Saved: \$222,439**
- On November 20, 2021 at 8:07 p.m., a commercial structure fire occurred at 2106 Pease Road. Crews arrived to find a large commercial agriculture processing facility engulfed in flames threatening the attached warehouse.
  - **Estimated Value: \$799,464 Estimated Loss: \$399,731 Estimated Total Saved: \$399,733**
- December 17, 2021 at 10:59 p.m., a structure fire occurred at 1423 Second Street. Crews arrived to find the two-story residence fully involved.
  - **Estimated Value: \$750,361 Estimated Loss: \$657,440 Estimated Total Saved: \$92,921**

### Dollar Value Saved & Loss Analysis

Fire calls within the Department's response area:

Total Values: \$21,645,144

Total Losses: \$ 3,568,040

Total Saved: \$18,077,104

**TOTAL % LOST: 16%**

**TOTAL % SAVED: 84%**



## MUTUAL AID



Four of California's Largest 20 Wildfires occurred in 2021. YCFD responded to 9 Wildfires under the California Fire Assistance Agreement (CFAA) for the Rescue Emergency Mutual Aid System in the calendar year 2021. Our response included, but was not limited to the Dixie Fire (2nd largest & 14th most destructive in CA history), the Caldor Fire (15th largest & 16th most destructive in CA history), and the River Complex Fire (17th largest fire in CA history).

- YCFD personnel were deployed for a total of 4,085 hours on these Wildfire Incidents. (For perspective, there are 8,760 hours in a calendar year)
- YCFD receives reimbursement for over \$437,035 in overtime expenses generated during these deployments.
- Yuba City recovered over \$91,585 in administrative and vehicle usage costs.
- Yuba City will be receiving over \$528,620 in total reimbursement under CFAA.
- In addition to fire personnel assigned to fire apparatus, YCFD deployed qualified or trainee overhead positions for Division Supervisor, Strike Team Leader, Public Information Officer, and Fire-Line EMT.

Mutual & Automatic Aid Incidents 2019 - 2021				
TYPE OF AID	2019	2020	2021	3-Year Average
Mutual Aid Given	58	74	85	72
Mutual Aid Received	8	18	34	20
Automatic Aid Given	58	46	40	48
Automatic Aid Received	69	71	72	71
Other Aid Given	1	1	2	1
<b>TOTAL</b>	<b>194</b>	<b>210</b>	<b>233</b>	<b>212</b>

There are a multitude of reasons for participating in the Master Mutual Aid System:

- Aid Cities, Counties, and Jurisdictions that have emergency incidents that exceed their capabilities (Wildfires, Floods, Earthquakes, and Mudslides).
- Allows our City to receive similar assistance.
- Provides specialized training for YCFD personnel to be utilized on Yuba City emergency incidents.
- Provides experience for YCFD personnel, which helps develop personnel for Yuba City emergency incidents.
- All overtime costs are reimbursed.
- Recoverable Administrative and vehicle costs.

# PREVENTION BUREAU

## Bureau Inspections

The Fire Prevention Bureau, overseen by the Fire Marshal, adopts and enforces codes and ordinances relative to fire and life safety issues; reviews plans and conducts inspections of construction projects; coordinates annual life safety inspections of all existing commercial buildings; and enforces brush clearance/ weed abatement throughout the City of Yuba City.

20/21 FY Inspections	
Inspection Type	Completed
Plan Review	211
Bureau Inspections Completed	1297
Engine Company Inspections Completed	474
Violations Corrected	1997

The Mission of the Yuba City Fire Department is to protect life, property and the environment, through effective fire prevention and emergency management. Inspections of new businesses and existing occupancies are an integral component of ensuring the economic vibrancy of the community while reducing the community risk for residents. Community Risk Reduction (CRR) is a process to identify and prioritize local risk, followed by the interrogated and strategic investment of resources (emergency response and prevention) to reduce their occurrence and impact.

Yuba City Fire Prevention Bureau has provided customer service to approximately 252 new commercial and tenant improvement projects through plan check and inspection.

## Public Education

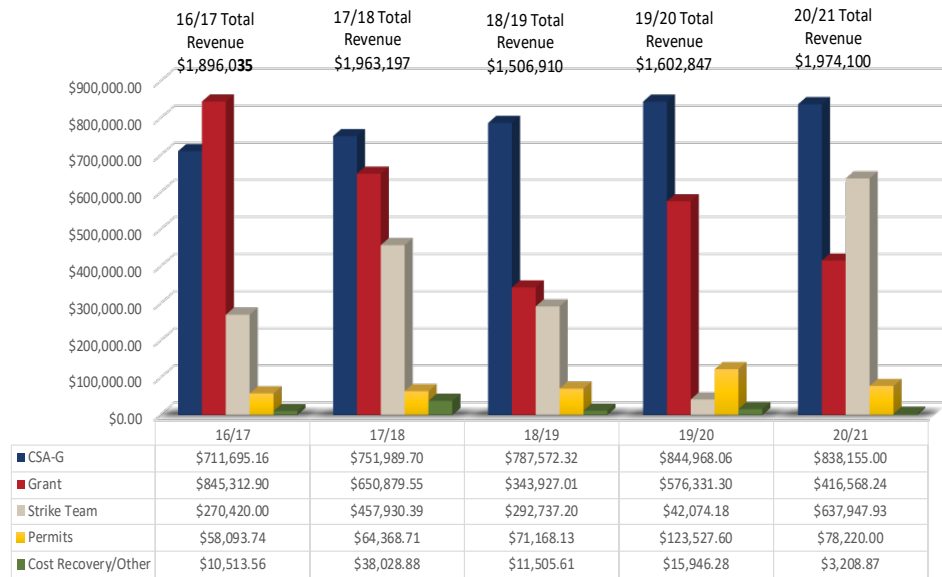
Public education addresses the behavioral change component of community risk-reduction efforts. Inspections and plan reviews provide for the necessary safety elements of community buildings. In contrast, training and public outreach provide the foundation for citizen actions that can further reduce property and life loss in their homes and workplaces.

Recurring community-based events, such as National Night Out, Summer & Christmas Strolls, Engine Company visits, and station tours, provide the general public with simple education opportunities and keep the public engaged in Department activities. In conjunction with regular public education messages posted on social media, these public education forums directly connect individuals who may not have used emergency services or experienced direct contact with the Yuba City Fire Department.



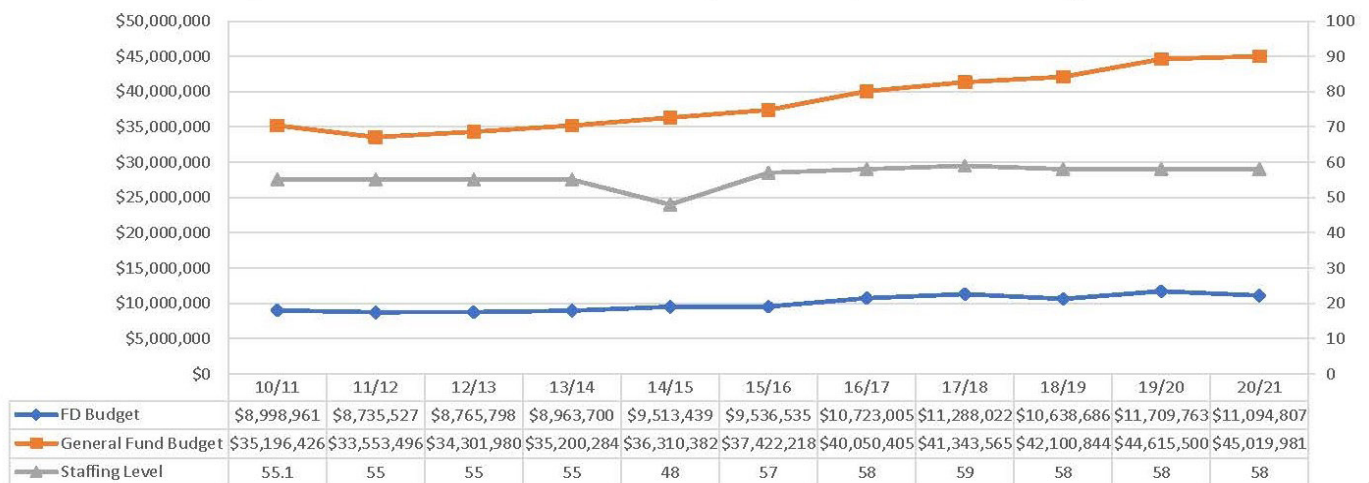


**Revenue**



**City General Fund and Yuba City Fire Budgets**

**City General Fund and Yuba City Fire Department Budgets**



# TEAMS

## **ADVANCED TECHNICAL RESCUE (ATR) TEAM:**

Is a 12-member team that trains and specializes in technical rescue that focuses on swift water, confined space, and technical rope rescue. ATR is responsible for maintaining and deploying a Type III Urban Search and Rescue (USAR) Trailer.



Yuba City Fire's Advanced Technical Rescue (ATR) team had a very active year in 2021. The ATR team was able to bring on new members and also maintained the skills of those already on our 12-person roster.

The team was activated numerous times for in progress emergencies throughout the Yuba City region and surrounding areas. The ATR team conducted multiple in-house trainings which included confined space, high angle rescue, and water rescue. Rigorous training was conducted with outside instructors to teach the Flood Rescue Boat Operator course; training our team in advanced boat operating skills. This class was conducted in our local waterways using our newly acquired Zodiac inflatable rescue boat. The team is continually honing every day skills as well as learning new ones to ensure team readiness for any technical rescue emergency.

## **HAZARDOUS MATERIALS (HAZMAT) TEAM:**



is a 10-member team that are certified as Hazardous Material Specialists and Hazardous Material Technicians, which help make up the region's Hazardous Materials Team, also known as the Yuba Sutter Hazardous Materials Response Team.

The HazMat Team is responsible for maintaining and deploying one of the few Office of Emergency Services Type II HazMat vehicles in Northern

California.

Yuba City Fire Department is the home base for a CAL OES type 2 hazmat apparatus. Yuba City's eight Hazardous Materials Specialists served as members of the Yuba Sutter Regional Hazmat team. During the 2021 year, our hazmat members attended a state wide WMD or Weapons of Mass Destruction training in Monterey County. Last year's training also included working with various agencies such as the FBI. One of many incidents included the local team responding for an ammonia tanker roll over in south Sutter county that resulted in a level A entry. While hazardous material incidents do not occur every day, the regional team is proactive when it comes to preparing for those low frequency but high-risk events.

## **TACTICAL EMERGENCY MEDICAL SERVICES (TEMS) TEAM:**

Is a 9-member team that works closely with the Yuba City Police Department, which is deployed with SWAT members of various agencies and serves vital support functions to our law enforcement. This specially trained EMS team is there to provide tactical medical care if public safety or others become wounded in the course of a SWAT call out.

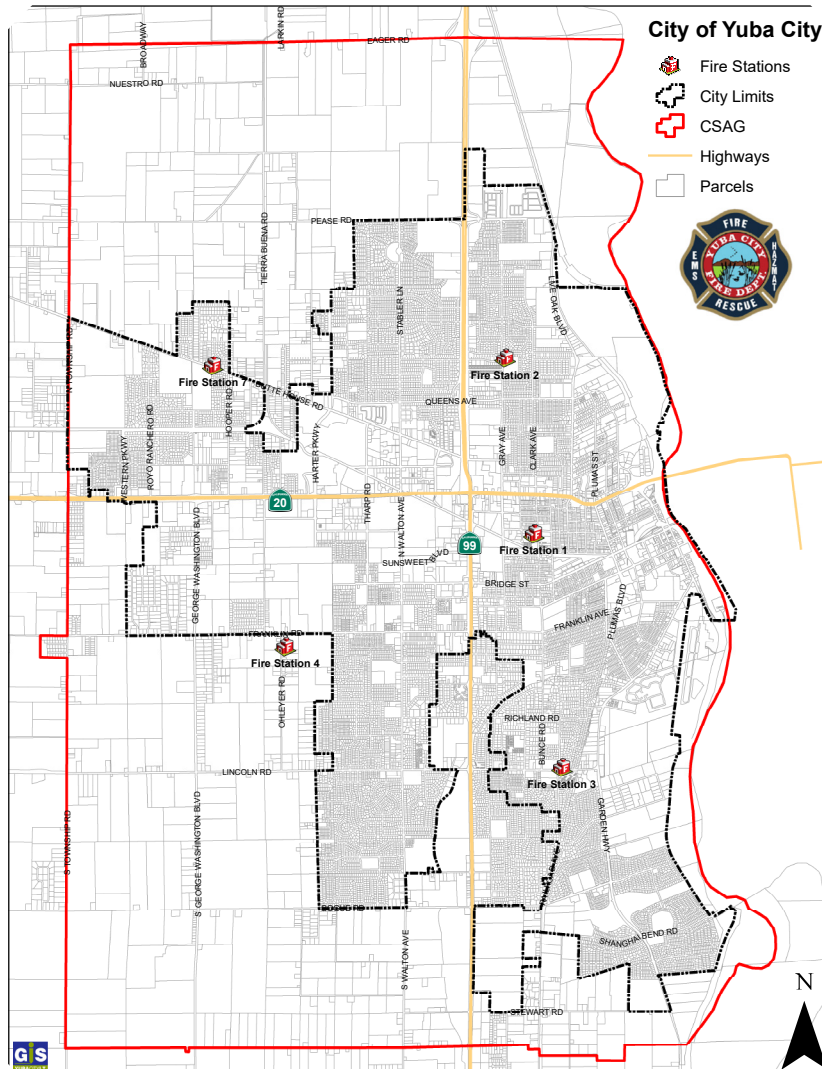


The TEMS team participated in multiple SWAT call deployments within the Yuba and Sutter county areas. Team members coordinated with local law enforcement agencies and participated in

various trainings throughout the year. Training was conducted with SWAT team members from local law enforcement agencies as well as training that included specialized EMS care. One highlight from 2021 involved training with Butte County Air Operations in which crews participated in STABO training. During this past year, the team welcomed two new members to the TEMS team.



# STATIONS & APPARATUS



**32.6** square miles served

**2** ISO classification

**77,316** population served

- Station 1 - 824 Clark Avenue
  - Station 2 - 1641 Gray Avenue
  - Station 3 - 795 Lincoln Road
  - Station 4 - 150 Ohleyer Road
  - Station 7 - 2855 Butte House Road
- \*Stations 5 & 6 are Sutter County Fire Department's

## Fire Apparatus

Five fire stations house 17 pieces of fire apparatus utilized for both emergency and support operations. Each fire station staffs a primary fire apparatus with a Fire Captain, Fire Apparatus Operator, and a Firefighter.

- Types of fire apparatus include:
- Fire Engine (Type I), including an OES Type I (Mutual Aid Deployments)
- Ladder Truck
- Wildland Engine (Type III)
- Brush Vehicle (Type VI)
- Water Tender
- Breathing Air Support Vehicle
- Rescue Trailer, Jet Skis, and Water Rescue Boat
- Regional HazMat Unit
- Command and Support Vehicles

